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INTERSTATE EFFECTS SURVEILLANCE NETWORK

1969 DATA

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U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Environmental Health Service

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16. Abstracts

Raw data are tabulated on air pollution effects on materials at 274 stations throughout the U. S. and in Ontario, Canada, for calendar year 1969. The tables are titled: Station and Area Type Code; Effects Stations Identification List; Cumulative Frequency Distributions; Metal Corrosion; Dyed Fabrics; Silver Tarnishing; Lead Plates; Dustfall; Nylon Deterioration; Rubber Cracking; Sticky Paper (Wind Blown particulates); and Station Index (Alphabetized by State).

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Experimental Data
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Discoloration
Silver
Tarnishing
Sulfation
Lead Oxides
Dust
Nylon Fibers
Deterioration
Defects
Elastomers
Cracking (Fracturing)
Cracks
Adhesive Papers
Wind Direction
Nitrogen Oxides
Ozone
Sulfur Oxides
Aerosols
Rural Areas
Land Use
Industries
Residential Buildings
Commerce

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Pollutant Effects Network
Dustfall

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DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
ENVIRONMENTAL HEALTH SERVICE

NATIONAL AIR
POLLUTION CONTROL
ADMINISTRATION

Enclosed is the annual summary of 1969 raw data from the Interstate Effects Surveillance Network for the period January 1, 1969, to December 31, 1969. Included is a frequency distribution of the 1968 data for your convenience to evaluate your particular station. Due to personnel limitations, we were unable to produce a 1969 frequency distribution. In addition, you may wish to compare results with the Type 4 Climatic Control (Clean) Stations appropriate to your region.

For your information the following should be noted:

1. If for comparative purposes you wish to convert the dustfall data reported in grams/meter^2 to tons/mile^2, multiply the figure given by 2.86. To convert other data from tons/mile^2 to grams/meter^2, multiply the tons/mile^2 reading by 0.35.

2. The 1969 corrosion data is reported as corrosion penetration rate in microns per year (μpy). Corrosion data in the past has been reported as weight loss per panel per day in milligrams (mpd). The following are the conversion factors:

   Zinc: μpy = 3.3 x mpd
   Steel: μpy = 3.0 x mpd

3. The 1969 sulfation data as measured by lead peroxide plates is reported as μg SO_2/cm^2/day. The following is the conversion factor:

   μg SO_2/cm^2/day = mg SO_3/100 cm^2/day x 8

4. Sticky paper data is collected weekly, but reported as monthly averages to conserve space. Analysis of monthly averages revealed no significant deviation from the weekly values.

5. The 1969 sticky paper data is reported as particles per millimeter. The following is the conversion factor:

   particles per mm^2 = 100 particles per in^2 x 0.155

INTERSTATE EFFECTS SURVEILLANCE NETWORK

Tabulation of Data

January - December, 1969

Division of Air Quality and Emission Data

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Environmental Health Service
National Air Pollution Control Administration
Cincinnati, Ohio
May 1970

The APTD series of reports is issued by the National Air Pollution Control Administration to report technical data of interest to a limited readership. Copies of APTD reports may be obtained upon request, as supplies permit, from the Office of Technical Information and Publications, National Air Pollution Control Administration, U. S. Department of Health, Education, and Welfare, 1033 Wade Avenue, Raleigh, North Carolina 27605.

Key Words: air pollution, pollutant effects network, raw data, effects on materials, dustfall

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Station Type Code	Area Type Code
1 Network	I Industrial
2 CAMP	R Residential
3 Experimental	C Commercial
4 Climatic Control	Rural

EFFECTS STATIONS IDENTIFICATION LIST

Station No.	Location	Station Type	Area Type	Station Start Up Date
001	May's Landing, New Jersey	4	Rural	1-18-66
002	Perth Amboy, New Jersey	1	IRC	1-20-66
003	Elizabeth, New Jersey	1	RC	1-19-66
004	Staten Island, New York	1	IRC	1-20-66
005	Brooklyn, New York	1	IRC	1-19-66
006	Cincinnati, Ohio	2	RC	1-19-66
007	Washington, D.C.	2	RC	1-10-66
008	Wilmington, Delaware	1	C	1-10-66
009	Claymont, Delaware	1	R	1-11-66
010	Chester, Pennsylvania	1	C	1-11-66
011	Philadelphia, Pennsylvania	1	C	1-12-66
012	Philadelphia, Pennsylvania	1	R	1-12-66
013	Philadelphia, Pennsylvania	2	R	1-13-66
014	Easton, Pennsylvania	1	RC	1-14-66
015	Sharon, Pennsylvania	1	IRC	1-31-66
016	Penns Grove, New Jersey	1	IC	1-18-66
017	Camden, New Jersey	1	C	1-16-66
018	Trenton, New Jersey	1	C	1-16-66
019	Mineola, New York	1	RC	1-21-66
020	White Plains, New York	1	R	1-24-66
021	Greenwich, Connecticut	1	IRC	1-24-66
022	Albany, New York	1	RC	2- 2-66
023	Niagara Falls, New York	1	IRC	2- 2-66
024	Buffalo, New York	1	IRC	1-27-66
025	Binghamton, New York	1	IRC	2- 2-66
026	Chicago, Illinois	2	C	1-31-66
027	Denver, Colorado	2	C	1- 5-66
028	St. Louis, Missouri	2	IC	1- 5-66
029	Petersburg, New York	4	Rural	12-27-66
030	Albany, New York	1	C	1-18-66
031	Charlotte, North Carolina	1	RC	4-26-66
032	Charlotte, North Carolina	1	R	4-26-66
033	Rock Hill, South Carolina	1	R	4-27-66

EFFECTS STATIONS IDENTIFICATION LIST

Station No.	Location	Station Type	Area Type	Station Start Up Date
034	Detroit, Michigan	1	R	5- 2-66
035	River Rouge, Michigan	1	IR	5- 3-66
036	Toledo, Ohio	1	IR	5- 4-66
037	Columbus, Ohio	3	RC	5- 5-66
038	Youngstown, Ohio	1	C	7-18-66
039	Louisville, Kentucky	1	C	5- 9-66
040	Jeffersonville, Indiana	1	RC	6-10-66
041	Hawesville, Kentucky	1	Rural	5-11-66
042	Tell City, Indiana	1	R	5-11-66
043	Owensboro, Kentucky	1	R	5-13-66
044	Evansville, Indiana	1	RC	5-12-66
045	St. Louis, Missouri	1	IR	5-31-66
046	East St. Louis, Illinois	1	C	5-31-66
047	Kansas City, Kansas	1	IR	5-24-66
048	Kansas City, Missouri	1	C	6-29-66
049	Duluth, Minnesota	1	RC	5-26-66
050	Superior, Wisconsin	1	RC	5-26-66
051	Kenosha, Wisconsin	1	C	5-27-66
052	East Chicago, Indiana	1	IR	6-30-66
053	Hammond, Indiana	1	RC	6-29-66
054	Chicago, Illinois	1	R	6-27-66
055	Calumet City, Illinois	1	R	6-28-66
056	Hennepin, Illinois	4	Rural	6-21-66
057	Rock Island, Illinois	1	C	6-23-66
058	Moline, Illinois	1	C	6-24-66
059	Davenport, Iowa	1	C	6-22-66
060	Wheeling, West Virginia	1	C	1- 1-66
061	Steubenville, Ohio	1	RC	1- 1-66
062	Weirton, West Virginia	1	RC	1- 1-66
063	Parkersburg, West Virginia	1	IRC	1- 1-66
064	Marietta, Ohio	1	RC	1- 1-66
065	Huntington, West Virginia	1	IC	1- 1-66

EFFECTS STATIONS IDENTIFICATION LIST

Station No.	Location	Station Type	Area Type	Station Start Up Date
066	Ironton, Ohio	1	IR	1- 1-66
067	Ashland, Kentucky	1	C	1- 1-66
068	Tampa, Florida	3	R	9-16-66
069	Corvallis, Oregon	4	R	10-24-66
070	Cincinnati, Ohio	1	RC	11- 2-66
071	Couer d'Alene, Idaho	1	C	10-17-66
072	Spokane, Washington	1	RC	10-18-66
073	Pullman, Washington	4	R	10-18-66
074	Lewiston, Idaho	1	IC	10-20-66
075	Lewiston, Idaho	1	C	10-20-66
076	Clarkston, Washington	1	C	10-21-66
077	Bellingham, Washington	1	IC	10-24-66
078	Seattle, Washington	3	C	10-25-66
079	The Dalles, Oregon	1	R	10-25-66
080	Longview, Washington	1	R	10-27-66
081	Rainier, Oregon	1	R	10-27-66
082	Portland, Oregon	1	C	10-31-66
083	Portland, Oregon	1	R	11- 1-66
084	Vancouver, Washington	1	RC	11- 1-66
085	Independence, Missouri	1	RC	12-28-66
086	Kansas City, Missouri	1	R	12-28-66
087	Kansas City, Kansas	1	IR	12-28-66
088	Overland Park, Kansas	4	Rural R	12-28-66
089	Boulder City, Nevada	1	RC	12- 6-66
090	Davis Dam, Arizona	1	Rural	12- 5-66
091	Needles, California	1	C	12- 2-66
092	Yuma, Arizona	1	RC	12- 1-66
093	Calexico, California	1	RC	11-30-66
094	San Ysidro, California	1	Rural	11-29-66
095	Oakland, California	3	C	12-14-66
096	South Tahoe, California	1	RC	12-15-66

EFFECTS STATIONS IDENTIFICATION LIST

Station No.	Location	Station Type	Area Type	Station Start Up Date
097	Incline Village, Nevada	1	R	12-16-66
098	Shiprock, New Mexico	1	R	12-12-66
099	Farmington, New Mexico	1	R	12-12-66
100	Dulce, New Mexico	4	R	12-13-66
101	Nogales, Arizona	1	RC	12- 8-66
102	Douglas, Arizona	1	R	12- 9-66
103	Sunland Park, New Mexico	1	R	12- 6-66
104	Anthony, New Mexico	1	R	12- 7-66
105	El Paso, Texas	1	RC	12- 5-66
106	Frankfort, Kentucky	3	RC	12-29-66
107	Volunteer Arsenal, Tennessee	3	I	1-24-67
108	Volunteer Arsenal, Tennessee	3	I	1-25-67
109	Volunteer Arsenal, Tennessee	3	I	1-25-67
110	Volunteer Arsenal, Tennessee	3	I	1-25-67
111	Cheverly, Maryland	1	Rural C	1-31-67
112	Alexandria, Virginia	1	C	1-31-67
113	Washington, D.C.	1	C	3- 1-67
114	Leesburg, Virginia	4	R	2-14-67
115	Del Rio, Texas	1	R	3-20-67
116	Eagle Pass, Texas	1	C	3-20-67
117	Laredo, Texas	1	C	3-21-67
118	McAllen, Texas	1	C	3-23-67
119	Brownsville, Texas	1	C	3-24-67
120	Austin, Texas	3	R	3-27-67
121	Beaumont, Texas	1	R	3-29-67
122	Port Arthur, Texas	1	RC	3-29-67
123	Orange, Texas	1	R	3-31-67
124	Sulfur, Louisiana	1	R	3-30-67
125	Brownwood, Texas	4	RC	3-22-67
126	Wichita Falls, Texas	1	R	3-20-67
127	Sherman, Texas	1	C	3-21-67
128	Texarkana, Texas	1	RC	3-24-67
129	Texarkana, Arkansas	1	C	3-24-67

EFFECTS STATIONS IDENTIFICATION LIST

Station No.	Location	Station Type	Area Type	Station Start Up Date
130	Oneca, Florida	4	Rural	4-20-67
131	Augusta, Georgia	1	C	4-11-67
132	Savannah, Georgia	1	IC	4-13-67
133	N. Augusta, South Carolina	1	R	4-12-67
134	St. Marys, Georgia	1	C	4-14-67
135	Broward County, Florida	3	RC	4-24-67
136	Cicero, Illinois	1	RC	5-23-67
137	Bedford Park, Illinois	1	IRC	5-23-67
138	Chicago Heights, Illinois	1	IRC	5-24-67
139	Palatine, Illinois	1	R	6- 1-67
140	Chattanooga, Tennessee	1	C	6- 5-67
141	Rossville, Georgia	1	R	6- 6-67
142	Columbus, Georgia	1	R	6- 7-67
143	Phenix City, Alabama	1	RC	6- 8-67
144	Montauk Pt., Long Island	3	R	7-31-67
145	Pensacola, Florida	1	RC	6-28-67
146	Mobile, Alabama	1	RC	7-26-67
147	Memphis, Tennessee	1	RC	6-29-67
148	Bristol, Tennessee	1	C	6-27-67
149	Gary, Indiana	1	RC	7-12-67
150	Cumberland, Maryland	1	C	7-17-67
151	Bloomington, Maryland	1	R	7-17-67
152	Piedmont, West Virginia	1	RC	7-19-67
153	Keyser, West Virginia	1	R	7-20-67
154	Covington, Kentucky	1	RC	7-28-67
155	Cincinnati, Ohio	1	C	8- 8-67
156	Spray, North Carolina	1	R	8-14-67
157	Danville, Virginia	1	R	8-15-67
158	Bristol, Virginia	1	C	8-16-67
159	Bluefield, West Virginia	1	C	8-17-67
160	Bluefield, Virginia	1	C	8-17-67
161	Henderson, Kentucky	1	RC	8-30-67
162	Grosse Ile, Michigan	1	I	Not Operating

EFFECTS STATIONS IDENTIFICATION LIST

Station No.	Location	Station Type	Area Type	Station Start Up Date
163	Livonia, Michigan	1	R	10- 4-67
164	Sumpter Township, Michigan	4	Rural	Not Operating
165	Ojibway, Ontario, Canada	1	C	Not Operating
166	Port Huron, Michigan	1	R	9-13-67
167	St. Clair, Michigan	1	R	9-13-67
168	Sarnia, Ontario, Canada	1	RC	2-28-68
169	Sarnia, Ontario, Canada	1	R	2-28-68
170	Windsor, Ontario, Canada	1	Rural	Not Operating
171	Lebanon, New Hampshire	1	C	9-18-67
172	Luray, Virginia	4	Rural	9-12-67
173	Salem, New Hampshire	1	R	9-19-67
174	Portsmouth, New Hampshire	1	C	9-19-67
175	Cannon Mtn., New Hampshire	4	Rural	9-21-67
176	Eliot, Maine	1	R	9-22-67
177	Lawrence, Massachusetts	1	RC	9-25-67
178	Ticonderoga, New York	1	R	9-26-67
179	Shoreman, Vermont	1	Rural	9-27-67
180	White River, Jct., Vermont	1	C	9-28-67
181	Burlington, Vermont	1	R	10- 4-67
182	Springfield, Massachusetts	1	C	9-18-67
183	Thompsonville, Connecticut	1	C	9-18-67
184	Hartford, Connecticut	3	C	10- 4-67
185	Pawcatuck, Connecticut	1	RC	9-19-67
186	Westerly, Rhode Island	1	C	9-20-67
187	Pawtucket, Rhode Island	1	C	9-20-67
188	North Tiverton, Rhode Island	1	C	9-20-67
189	Block Island, Rhode Island	4	Rural	9-22-67
190	Attleboro, Massachusetts	1	C	9-25-67
191	Fall River, Massachusetts	1	C	9-26-67
192	Boston, Massachusetts	3	C	9-27-67
193	Madawaska, Maine	1	R	9-28-67

EFFECTS STATIONS IDENTIFICATION LIST

Station No.	Location	Station Type	Area Type	Station Start Up Date
194	Rooseveltown, New York	1	Rural I	9-29-67
195	Blacksburg, Virginia	4	R	10- 2-67
196	Dearborn, Michigan	1	IR	Not Operating
197	Grand Forks, North Dakota	1	R	10-23-67
198	Fargo, North Dakota	1	C	10-24-67
199	Sioux Falls, South Dakota	1	C	10-25-67
200	South Sioux City, Nebraska	1	RC	10-25-67
201	Sioux City, Iowa	1	C	10-26-67
202	Omaha, Nebraska	1	R	10-27-67
203	Council Bluffs, Iowa	1	RC	10-27-67
204	Elwood, Kansas	1	R	10-30-67
205	St. Joseph, Missouri	1	C	11- -67
206	Joplin, Missouri	1	C	11- 1-67
207	Miami, Oklahoma	1	R	11- 2-67
208	Crossett, Arkansas	1	RC	6-12-68
209	West Memphis, Arkansas	1	RC	10-23-67
210	Fort Smith, Arkansas	1	C	10-24-67
211	Sallisaw, Oklahoma	1	R	10-25-67
212	Marshall, Texas	1	C	10-26-67
213	Shreveport, Louisiana	1	C	10-27-67
214	Bogalusa, Louisiana	1	C	10-30-67
215	Vidalia, Louisiana	1	R	10-31-67
216	Bastrop, Louisiana	1	IRC	11- 1-67
217	Tallulah, Louisiana	1	C	11- 1-67
218	New Orleans, Louisiana	1	C	11- 2-67
219	Carville, Louisiana	3	R	11- 2-67
220	Mingo Junction, Ohio	1	IRC	11-27-67
221	Steubenville, Ohio	1	R	11-27-67
222	Martinsville, Virginia	1	RC	11-27-67
223	Sault St. Marie, Michigan	1	IR	12- 4-67
224	Ann Arbor, Michigan	3	R	12- 8-67

EFFECTS STATIONS IDENTIFICATION LIST

Station No.	Location	Station Type	Area Type	Station Start Up Date
225	Winona, Minnesota	1	IRC	1-15-68
226	La Cross, Wisconsin	1	RC	1-16-68
227	Dubuque, Iowa	1	IR	1-17-68
228	East Dubuque, Illinois	1	C	1-18-68
229	Metuchen, New Jersey	1	C	2- 2-68
230	Kintnersville, Pennsylvania	4	Rural	2- 1-68
231	Fernandina Beach, Florida	1	R	2-13-68
232	Fernandina Beach, Florida	1	R	2-14-68
233	Gainesville, Florida	3	R	2-15-68
234	Pascagoula, Mississippi	1	R	2-26-68
235	Natchez, Mississippi	1	IR	2-27-68
236	Vicksburg, Mississippi	1	C	2-28-68
237	Chapel Hill, North Carolina	4	Rural	3-13-68
238	Chapel Hill, North Carolina	3	R	3-14-68
239	Los Angeles, California	3	IR	4- 2-68
240	Los Angeles, California	3	C	4- 2-68
241	Honolulu, Hawaii	3	RC	4- 4-68
242	Hilo, Hawaii	4	Rural	4- 4-68
243	Bridgeport, Connecticut	1	IC	4-20-68
244	Custer, South Dakota	4	Rural	4-30-68
245	Milbank, South Dakota	1	RC	5- 1-68
246	Anchorage, Alaska	3	RC	5-27-68
247	Fairbanks, Alaska	3	C	5-29-68
248	East Grand Forks, Minnesota	1	RC	6- 3-68
249	Moorhead, Minnesota	1	RC	6- 4-68
250	Ortonville, Minnesota	1	R	6- 5-68
251	International Falls, Minnesota	1	R	6- 6-68
252	Cheyenne, Wyoming	1	R	6-17-68
253	Frannie, Wyoming	1	R	6-18-68
254	East Helena, Montana	3	IRC	7- 3-68
255	Guaynabo, Puerto Rico	3	Rural IC	7- 8-68

EFFECTS STATIONS IDENTIFICATION LIST

Station No.	Location	Station Type	Area Type	Station Start Up Date
256	Salinas, Puerto Rico	4	Rural R	7- 9-68
257	El Yungue Tropical Rain Forest Park, Puerto Rico	4	Rural	7-10-68
258	Cairo, Illinois	1	C	7-29-68
259	Metropolis, Illinois	1	R	7- 3-68
260	Paducah, Kentucky	1	IC	7-30-68
261	Clifton, Arizona	1	R	8- 7-68
262	Bullfrog, Utah	4	R	8- 8-68
263	Charlestown, Indiana	3	RC	9- 4-68
264	Cheektowaga, New York	1	IR	9-11-68
265	Buffalo, New York	1	RC	9-11-68
266	Niagara Falls, New York	1	I	9-12-68
267	Niagara Falls, New York			Not Operating
268	Phoenix, Arizona	3	C	10- 3-68
269	Jackson, Mississippi	3	RC	10-21-68
270	Fort Polk, Louisiana	4	R	1-15-69
271	Guam	3	IR	5-28-69
272	Gaithersburg, Maryland	3	Rural-R	5-22-69
273	Baltimore, Maryland	3	I	5-22-69
274	Helena, Montana	1	R	7-2- 69

FREQUENCY DISTRIBUTIONS

The following frequency distributions of component data are provided for comparison, if you so desire, of a particular station with the national network.

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Zinc corrosion rate (microns per year)	1 year	Jan. 1968 - Dec. 1968	216	0.1	0.64	1.05	1.87	3.53	4.93	15.4
Steel corrosion rate (microns per year)	1 year	Jan. 1968 - Dec. 1968	204	0	6	16	29	42	53	88
Steel corrosion rate (microns per year)	3 mos.	Jan. 1968 - Mar. 1968	196	0	3	20	45	68	86	146
		Apr. 1968 - June 1968	201	0	3	9	39	70	101	173
		July 1968 - Sept. 1968	245	1	4	12	36	64	87	194
		Oct. 1968 - Dec. 1968	232	0	3	8	34	67	88	179
		Jan. 1968 - Dec. 1968	874	0	3	11	38	67	89	194
Color change dyed fabrics (Type #1) (ΔE)	3 mos.	Jan. 1968 - Mar. 1968	201	10.9	14.8	16.2	17.9	19.5	21.5	29.3
		Apr. 1968 - June 1968	191	13.4	17.6	19.2	20.6	22.3	23.7	29.1
		July 1968 - Sept. 1968	225	13.9	17.0	18.5	20.2	21.7	23.3	28.3
		Oct. 1968 - Dec. 1968	222	8.7	14.2	15.9	17.4	18.9	20.7	25.5
		Jan. 1968 - Dec. 1968	839	8.7	15.3	17.1	19.0	21.0	22.8	29.3

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Color change dyed fabrics (Type #3) (ΔE)	3 mos.	Jan. 1968 - Mar. 1968	190	9.9	15.6	18.3	22.8	34.5	43.9	54.0
		Apr. 1968 - June 1968	186	7.1	17.8	20.5	23.6	29.0	37.1	55.0
		July 1968 - Sept. 1968	223	6.8	16.1	20.0	24.1	29.7	40.1	62.8
		Oct. 1968 - Dec. 1968	223	8.4	16.1	20.0	24.3	31.4	42.5	56.1
		Jan. 1968 - Dec. 1968	822	6.8	16.2	19.7	23.8	31.0	41.1	62.8
Color change dyed fabrics (Type #5) (ΔE)	3 mos.	Jan. 1968 - Mar. 1968	185	2.6	5.5	6.8	8.5	10.5	12.3	15.8
		Apr. 1968 - June 1968	180	5.2	10.1	11.6	13.2	14.7	16.1	19.4
		July 1968 - Sept. 1968	215	5.8	9.4	11.3	13.3	14.9	16.2	22.6
		Oct. 1968 - Dec. 1968	216	2.3	5.0	6.4	7.9	9.9	12.0	18.0
		Jan. 1968 - Dec. 1968	796	2.3	6.1	8.0	11.0	13.4	15.2	22.6

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Color change dyed fabrics (Type #6) (ΔE)	3 mos.	Jan. 1968 - Mar. 1968	196	2.4	5.2	6.7	8.7	11.4	13.4	18.2
		Apr. 1968 - June 1968	184	2.9	5.6	6.9	8.4	10.2	11.9	17.4
		July 1968 - Sept. 1968	223	2.2	4.0	5.2	6.6	8.5	10.0	18.6
		Oct. 1968 - Dec. 1968	227	3.3	6.0	7.6	9.7	11.9	14.4	25.5
		Jan. 1968 - Dec. 1968	830	2.2	5.0	6.4	8.3	10.5	12.8	25.5
Color change dyed fabrics (Type #7) (ΔE)	3 mos.	Jan. 1968 - Mar. 1968	197	2.9	5.9	7.7	10.3	12.9	15.4	24.2
		Apr. 1968 - June 1968	194	1.9	2.8	3.4	5.1	6.9	8.7	12.8
		July 1968 - Sept. 1968	213	1.8	2.9	4.2	6.2	8.6	11.4	21.9
		Oct. 1968 - Dec. 1968	230	3.5	6.6	8.2	10.4	12.9	15.6	24.1
		Jan. 1968 - Dec. 1968	834	1.8	3.4	5.3	7.9	11.0	14.1	24.2

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Color change dyed fabrics (Type #8) (ΔE)	3 mos.	Jan. 1968 - Mar. 1968	196	1.4	3.0	4.1	5.4	7.0	8.6	14.1
		Apr. 1968 - June 1968	193	3.6	6.0	6.9	8.1	9.7	12.0	18.6
		July 1968 - Sept. 1968	214	4.4	6.8	8.1	10.0	12.9	17.0	24.8
		Oct. 1968 - Dec. 1968	223	2.4	4.3	5.4	7.4	9.6	12.4	19.6
		Jan. 1968 - Dec. 1968	826	1.4	4.3	5.8	7.8	9.9	13.2	14.1
Color change dyed fabrics (Type #9) (ΔE)	3 mos.	Jan. 1968 - Mar. 1968	189	5.1	9.4	12.4	14.6	17.3	19.8	32.7
		Apr. 1968 - June 1968	192	7.2	15.4	19.5	23.2	26.1	29.5	37.7
		July 1968 - Sept. 1968	226	11.4	19.5	23.9	27.55	31.1	34.5	41.8
		Oct. 1968 - Dec. 1968	237	4.2	11.0	14.3	17.6	20.9	23.8	43.0
		Jan. 1968 - Dec. 1968	844	4.2	12.1	15.5	20.3	26.1	30.7	43.0

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Nylon deterioration (total # of defects)	3 mos.	Jan. 1968 - Mar. 1968	216	0	0	0	0	2	6	255
		Apr. 1968 - June 1968	226	0	0	0	0	1	4	84
		July 1968 - Sept. 1968	247	0	0	0	0	2	6	97
		Oct. 1968 - Dec. 1968	232	0	0	0	0	0	4	57
		Jan. 1968 - Dec. 1968	921	0	0	0	0	1	5	255
Nylon deterioration (total # of defects)	1 mo.	Jan. 1968	213	0	0	0	0	0	2	223
		Feb. 1968	221	0	0	0	0	0	2	33
		Mar. 1968	227	0	0	0	0	0	3	78
		Jan. 1968 - Mar. 1968	661	0	0	0	0	0	2	223
		Apr. 1968	229	0	0	0	0	0	2	18
		May 1968	232	0	0	0	0	0	2	43
		June 1968	238	0	0	0	0	0	1	49
		Apr. 1968 - June 1968	699	0	0	0	0	0	2	49

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Nylon deterioration (total # of defects)	1 mo.	July 1968	243	0	0	0	0	0	1	50
		Aug. 1968	250	0	0	0	0	0	2	47
		Sept. 1968	251	0	0	0	0	0	1	48
		July 1968 - Sept. 1968	744	0	0	0	0	0	2	50
		Oct. 1968	248	0	0	0	0	0	1	19
		Nov. 1968	255	0	0	0	0	0	0	16
		Dec. 1968	242	0	0	0	0	0	2	38
		Oct. 1968 - Dec. 1968	745	0	0	0	0	0	1	38
		Jan. 1968 - Dec. 1968	2849	0	0	0	0	0	2	223
Silver tarnishing (reflectance % loss)	1 mo.	Jan. 1968	207	1	23	42	61	74	86	98
		Feb. 1968	215	1	18	31	49	68	82	92
		Mar. 1968	227	2	27	45	59	78	87	100
		Jan. 1968 - Mar. 1968	649	1	22	38	57	73	86	100

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Silver tarnishing (reflectance % loss)	1 mo.	Apr. 1968	232	1	20	36	56	73	84	96
		May 1968	234	0	19	34	51	71	84	94
		June 1968	233	3	22	34	48	69	82	95
		Apr. 1968 - June 1968	699	0	20	34	52	71	84	96
		July 1968	246	6	26	39	58	78	87	95
		Aug. 1968	250	6	29	43	60	78	88	99
		Sept. 1968	249	4	24	35	54	78	84	94
		July 1968 - Sept. 1968	745	4	26	39	58	78	86	99
		Oct. 1968	250	1	22	34	53	74	83	94
		Nov. 1968	251	1	17	31	53	76	84	96
		Dec. 1968	242	0	21	36	53	70	83	95
		Oct. 1968 - Dec. 1968	743	0	20	34	53	73	83	96
		Jan. 1968 - Dec. 1968	2835	0	22	36	55	75	85	100

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Dustfall (total in g/m²)	1 mo.	Jan. 1968	210	0.3	1.2	2.2	4.0	6.5	10.0	26.4
		Feb. 1968	217	0.3	1.3	2.1	3.5	6.0	9.6	29.3
		Mar. 1968	225	0.6	2.2	3.5	5.7	8.1	13.3	102.2
		Jan. 1968 - Mar. 1968	652	0.3	1.4	2.5	4.3	7.0	11.0	102.2
		Apr. 1968	231	0.4	2.1	3.2	5.5	9.0	13.2	161.2
		May 1968	225	0.2	1.6	2.7	4.9	7.3	11.7	34.0
		June 1968	235	0.1	2.0	3.2	4.8	7.5	11.4	38.7
		Apr. 1968 - June 1968	691	0.1	1.9	3.0	5.0	7.8	12.0	161.2
		July 1968	244	0.3	1.7	2.8	4.5	7.1	10.7	44.3
		Aug. 1968	247	0.3	1.8	2.6	4.2	6.4	9.9	37.3
		Sept. 1968	250	0.5	1.5	2.4	4.0	6.3	9.3	30.0
		July 1968 - Sept. 1968	741	0.3	1.6	2.6	4.2	6.5	9.9	44.3

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Dustfall (total in g/m²)	1 mo.	Oct. 1968	252	0.2	1.5	2.5	4.1	6.2	9.2	36.4
		Nov. 1968	242	0.1	1.3	2.6	4.2	6.6	11.1	26.9
		Dec. 1968	229	0.2	1.3	2.2	3.8	6.2	9.8	39.8
		Oct. 1968 - Dec. 1968	723	0.1	1.4	2.4	4.1	6.4	9.9	39.8
		Jan. 1968 - Dec. 1968	2807	0.1	1.5	2.6	4.4	6.9	10.8	161.2
Sulfation candles (mg SO_3/100cm²/day)	1 mo.	Jan. 1968	207	0	0	0.3	1.0	2.2	3.5	8.7
		Feb. 1968	217	0	0	0.2	0.7	1.6	2.5	7.3
		Mar. 1968	209	0	0	0.2	0.5	1.1	1.9	5.5
		Jan. 1968 - Mar. 1968	633	0	0	0.2	0.6	1.6	2.7	8.7
		Apr. 1968	233	0	0.1	0.2	0.5	1.1	1.7	5.0
		May 1968	230	0	0	0.1	0.3	0.8	1.3	3.0
		June 1968	233	0	0	0.1	0.3	0.7	1.2	3.7
		Apr. 1968 - June 1968	696	0	0	0.1	0.4	0.9	1.4	5.0

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Sulfation candles (mg $SO_3/100cm^2/day$)	1 mo.	July 1968	242	0	0	0	0.2	0.7	1.3	4.6
		Aug. 1968	246	0	0	0	0.1	0.6	1.2	4.3
		Sept. 1968	253	0	0	0	0.2	0.6	1.2	4.7
		July 1968 - Sept. 1968	741	0	0	0	0.2	0.7	1.3	4.7
		Oct. 1968	253	0	0	0	0.3	0.9	1.5	5.1
		Nov. 1968	245	0	0	0.1	0.3	1.2	1.7	4.0
		Dec. 1968	219	0	0	0	0.5	1.2	1.8	5.7
		Oct. 1968 - Dec. 1968	717	0	0	0.1	0.4	1.1	1.6	5.7
		Jan. 1968 - Dec. 1968	2787	0	0	0	0.4	1.0	1.7	8.7
Sulfation plates (mg $SO_2/cm^2/day$)	1 mo.	Jan. 1968	186	0	0	2	6	13	20	72
		Feb. 1968	192	0	0	2	6	14	21	69
		Mar. 1968	202	0	0	2	4	10	17	47
		Jan. 1968 - Mar. 1968	580	0	0	2	5	12	20	72

EFFECTS COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Sulfation plates (ug $SO_3/cm^2/day$)	1 mo.	Apr. 1968	221	0	0	0	3	7	14	38
		May 1968	214	0	0	0	2	6	11	23
		June 1968	214	0	0	2	3	5	9	23
		Apr. 1968 - June 1968	649	0	0	1	3	6	11	38
		July 1968	221	0	0	0	2	4	7	34
		Aug. 1968	222	0	0	0	2	5	8	34
		Sept. 1968	215	0	0	0	2	5	8	38
		July 1968 - Sept. 1968	658	0	0	0	2	5	8	38
		Oct. 1968	240	0	0	0	3	6	11	42
		Nov. 1968	240	0	0	2	4	9	15	47
		Dec. 1968	220	0	0	0	4	9	15	45
		Oct. 1968 - Dec. 1968	700	0	0	1	3	8	14	47
		Jan. 1968 - Dec. 1968	2587	0	0	0	3	7	14	72

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Rubber deterioration (Aug. crack depth in microns)	1 wk.	Jan. 1968	782	0	0	0	0	0	0	494
		Feb. 1968	817	0	0	0	0	0	0	582
		Mar. 1968	1055	0	0	0	0	128	227	572
		Jan. 1968 - Mar. 1968	2654	0	0	0	0	0	163	582
		Apr. 1968	837	0	0	0	131	227	320	660
		May 1968	877	0	0	0	137	217	316	601
		June 1968	1089	0	0	71	114	163	211	572
		Apr. 1968 - June 1968	2803	0	0	0	123	195	287	660
		July 1968	881	0	33	61	105	159	213	421
		Aug. 1968	1129	0	0	58	101	155	206	533
		Sept. 1968	929	0	0	65	128	183	236	683
		July 1968 - Sept. 1968	2939	0	0	60	110	165	220	683

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Rubber deterioration (Aug. crack depth in microns)	1 wk.	Oct. 1968	949	0	0	0	0	106	171	581
		Nov. 1968	926	0	0	0	0	0	171	620
		Dec. 1968	1078	0	0	0	0	0	109	422
		Oct. 1968 - Dec. 1968	2953	0	0	0	0	55	160	620
		Jan. 1968 - Dec. 1968	11349	0	0	0	48	144	220	683
Wind blown particulates (sticky paper) (particles per square mm)	1 wk.	Jan. 1968	196	2	7	15	27	35	48	66
		Feb. 1968	194	2	14	22	35	46	61	81
		Mar. 1968	200	2	22	34	49	64	74	93
		Jan. 1968 - Mar. 1968	590	2	12	23	35	50	65	93

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Wind blown particulates (sticky paper) (particles per square mm)	1 wk.	Apr. 1968	202	2	20	39	55	69	78	90
		May 1968	222	1	9	22	36	50	64	85
		June 1968	213	1	1	4	14	32	51	89
		Apr. 1968 - June 1968	637	1	4	14	35	55	70	90
		July 1968	228	1	1	5	12	24	38	79
		Aug. 1968	224	1	6	15	30	46	64	88
		Sept. 1968	213	1	7	16	29	46	60	83
		July 1968 - Sept. 1968	665	1	4	10	23	40	58	88
		Oct. 1968	239	1	8	16	26	41	54	80
		Nov. 1968	221	1	6	13	22	35	49	77

EFFECT COMPONENTS - 1968

CUMULATIVE FREQUENCY DISTRIBUTION BY MEASUREMENT

Measurement	Exposure Interval	Period observed	No. of samples	Min.	Percent of values less than stated values					
					10%	25%	50%	75%	90%	Max.
Wind blown particulates (sticky paper) (particles per square mm)	1 wk.	Dec. 1968	198	3	8	15	26	37	52	88
		Oct. 1968 - Dec. 1968	658	1	7	15	24	38	52	88
		Jan. 1968 - Dec. 1968	2550	1	6	15	29	46	63	93

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METAL CORROSION RATE 1969

Microns per year (μpy)

Station #	Steel #1	Steel #2	Zinc	Station #	Steel #1	Steel #2	Zinc
1	43	44	1.4	51	31	31	2.7
2	54		4.1	52	83	80	6.0
3	35	35	2.4	53	48	49	3.4
4	50		3.3	54			3.4
5	33	35	3.7	55	50	50	
6			1.2	56	35		
7	27	25	1.7	57	25	24	1.4
8	68	40		58			1.4
9	55	53		59	24	19	1.3
10	49	50		60	55	56	5.2
11	39	39	5.0	61	63	65	
12	47	45	2.7	62	65	71	2.7
13	42	40		63	38	38	1.4
14	42	46	2.3	64			
15			2.6	65	34		1.2
16	55	54	2.3	66	58		1.1
17	41	43	3.5	67	40	39	
18	38	36		68	42	42	1.3
19	52	52	2.7	69	15	16	1.2
20	59	62	2.5	70	27		1.2
21	45	44	2.4	71			
22	54	53	2.6	72	15	15	1.2
23	39	39	2.4	73	4	4	0.7
24	71	67	6.6	74	16	17	0.7
25	31	30	2.1	75	4	4	1.6
26	38	38	1.4	76	6	5	
27	3	3	0.6	77	30	28	1.8
28	30	31	2.4	78	37	38	2.2
29	27	25	1.0	79	16	14	0.9
30	43	41	3.0	80	38	36	2.5
31	18	20	0.1	81	26	28	2.0
32	25	22	1.6	82	19	23	1.5
33	17	18	1.1	83	27	29	1.9
34	26	24	2.7	84	35	34	2.1
35	40	41	2.7	85	20	22	1.2
36	38	38	2.4	86	18	17	0.9
37	30	32	1.3	87	18	17	0.9
38	42	43	3.3	88	14	14	0.9
39	30	29	1.6	89			
40	39		1.9	90	2	2	0.4
41	32		1.5	91	1	1	0.6
42	27	28	1.7	92	4	3	0.5
43	43	42	2.0	93	4	4	0.5
44	30		1.7	94	30	27	1.3
45	56	55	3.3	95	30	30	1.5
46	47	43	2.7	96	0	0	
47	15	15	1.2	97	1	0	0.3
48	17	16	1.3	98	6	6	2.1
49	18	21	1.2	99	3	3	
50	26	26	1.3	100			

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METAL CORROSION RATE 1969

Microns per year (μry)

Station #	Steel #1	Steel #2	Zinc
101	1		0.5
102	9		0.8
103	12	12	1.2
104	9	9	0.6
105	3	3	0.4
106	27	28	1.2
107	32	33	
108	22	23	1.5
109	28	28	1.7
110	21	21	1.5
111	32	35	1.7
112	29		1.9
113	27	24	2.0
114	37	37	1.3
115			
116			
117	9	9	0.7
118	21		1.2
119			2.2
120	5	4	0.8
121	55	55	
122			
123	24	24	1.6
124	28		0.6
125			0.7
126	3	4	0.7
127	6		
128	8	6	0.9
129	9		1.2
130	30	29	
131	20	16	1.0
132	45	46	1.7
133	14		1.2
134	76		3.1
135	26		1.4
136	47		
137	43	43	3.1
138	45	46	
139	30	28	
140	23	22	2.0
141	22	21	1.3
142	12	12	0.9
143	10		1.5
144	83	85	
145	27	26	1.4
146	34	35	1.2
147	11	11	0.8
148	14	18	1.3
149			
150	32	30	1.5
151	59	58	1.7
152	43	44	1.6
153	40	39	1.7
154	18	18	1.1
155	21	26	1.3
156			
157	27	25	1.2
158	25	25	1.5
159	18		1.2
160	30	28	1.2
161	42		1.9
162			
163	34	32	1.6
164			
165			
166	44	44	2.6
167	58	58	2.6
168	44	45	2.2
169	44	34	2.0
170			
171	38		1.6
172	18	20	1.3
173	39		1.3
174	52		5.9
175			
176	37	39	1.4
177	45	41	2.7
178	41	38	2.0
179	28	27	1.2
180	32	36	1.7
181	34	34	2.3
182	47	46	3.4
183	47	56	2.8
184	41	41	3.0
185	50	50	2.1
186	44	46	1.8
187	41	40	2.7
188	49	47	1.9
189	50	50	2.1
190	45	44	2.8
191	51	50	2.7
192			4.1
193	60	60	3.3
194			
195	21	22	1.1
196			
197	14	15	0.8
198	15	15	1.2
199			
200	5	6	0.8

METAL CORROSION RATE 1969

Microns per year (μpy)

Station #	Steel #1	Steel #2	Zinc
201	8		0.6
202	15	15	1.0
203	21	20	0.7
204	9	10	0.6
205	7	5	
206	8	7	0.9
207	9	9	1.0
208	9	9	1.1
209	18	18	1.1
210	3		1.0
211			0.8
212			0.9
213	12	12	0.8
214	36	36	2.3
215	9	9	1.2
216	19	18	4.1
217	9	7	
218	18	18	1.5
219	20	20	1.1
220	71	69	3.3
221	54	55	3.1
222	29	30	1.4
223	35		
224	25	27	1.3
225	33		1.3
226	28	29	1.0
227	30		1.6
228			
229	49		2.8
230	57	53	2.0
231			
232	51	51	2.5
233	44		0.8
234			
235			
236			
237	27	24	1.4
238	15	18	1.1
239	17	16	1.4
240	18		1.6
241	29		1.5
242	6	6	0.4
243	42		3.4
244	1	2	0.5
245			0.3
246			0.7
247	1	1	0.5
248	11	10	0.7
249	15	15	1.0
250	11		

Station #	Steel #1	Steel #2	Zinc
251	57	55	3.6
252	6	6	0.4
253	8	9	0.6
254	19		5.9
255	53	57	0.9
256	16	16	1.1
257	30	27	2.7
258	24	25	1.7
259			1.6
260			
261	13	13	1.7
262			
263			
264	37		2.3
265	36	35	3.3
266	72	70	8.1
267			
268	3		0.7
269			
270	9	11	1.3
271	50		2.3
272	34	34	1.4
273	33	33	
274	13		1.0
275			
276			
277			
278			
279			
280			
281			
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Dyed Fabric (Type #3) 1969
NO_x
(color difference) ΔE

Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec	Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec
1		27.3	25.7	20.4	51	25.9	21.6	24.6	21.9
2		38.9	46.0	30.1	52	46.8	37.1	42.3	26.9
3	42.7	41.6	41.8	44.3	53	34.4	33.1	33.3	29.5
4	46.2	35.2	43.9	37.6	54		26.7	31.5	29.0
5	52.7	54.5		55.6	55			15.7	
6	44.4	33.0	32.6	29.4	56	25.3	22.6		13.8
7	44.9	31.8	34.6	32.7	57	21.1	24.2	22.6	16.7
8	19.7	26.1			58	32.4	20.3	22.8	
9	35.8	23.3			59	19.6	22.7		18.0
10	43.5	37.3		31.4	60	46.6	33.9	37.5	34.3
11	53.9	42.2	42.3	37.0	61	39.8	36.2		
12	54.9	46.2	49.2	34.3	62	37.4	35.9		
13	51.4	42.4		41.8	63	31.6	26.1	25.8	26.9
14	35.1	29.8	30.5	24.4	64	21.8	26.8		
15	39.0	27.2	32.2	28.5	65	19.1	26.4	26.1	18.9
16	51.8	36.3	38.4	31.8	66	17.7	26.5	22.0	16.7
17	47.7	33.5	47.4	42.6	67	16.5		29.0	15.4
18	40.0	36.8	37.3	16.8	68	23.4	25.5	25.3	21.9
19	51.5	43.4		46.7	69	18.7		15.4	14.3
20		43.8	44.1	21.9	70		27.4		31.0
21	42.8	43.4	45.8	41.4	71	16.5		14.5	
22	12.6	25.4	27.2	25.5	72	24.0	19.6	19.2	15.3
23	19.2			18.5	73	16.6	16.5	15.9	10.6
24	43.8	38.8	28.3	27.6	74		16.9		
25			25.5	24.7	75		28.3		
26		41.4	48.7	45.6	76	18.3	15.5	16.6	11.6
27	26.4	24.7	24.0	20.0	77	19.5	20.2	17.0	12.4
28	33.1	37.1	40.7	25.9	78	29.7	20.2		
29	16.0	21.7		14.2	79	20.7	17.4	15.4	14.1
30	51.9	33.1	30.4	22.6	80	19.2			
31	26.6	38.1	29.4	20.4	81				8.6
32	31.8	26.6	30.4	24.6	82	23.1	22.8	22.2	20.0
33	29.2	24.9	25.4	21.2	83	20.4	20.0	17.1	15.2
34	46.5	31.5	32.0		84	22.4	21.7	17.6	14.0
35	34.6		28.8	28.1	85	19.8	22.9	20.8	15.7
36	20.2	28.1	27.8	17.9	86	29.8	21.8		
37	25.7	25.6	26.9	19.0	87	20.8	22.5	22.8	17.1
38	48.8	21.0	32.3	38.6	88	55.5	22.7	22.6	13.5
39	23.2	27.1	30.8	29.8	89	12.8	17.2		
40			26.4	17.2	90	14.1	19.0	17.4	11.1
41	18.4	23.1		14.2	91		22.1		10.9
42	25.1	23.7	21.0	17.8	92	12.4	17.2	17.0	11.9
43	26.7	24.1	23.6	18.1	93	18.6	21.3		16.0
44	39.5	25.9	27.8	30.0	94	22.1	26.5	32.9	24.1
45	34.3	28.0	31.3	22.2	95	25.3	26.2	34.8	27.9
46	29.7	26.7	27.5	21.7	96	14.9	14.9	12.7	
47	19.9	25.5	27.1	18.4	97	12.1	14.4		20.3
48	22.0	22.3			98	17.1			20.6
49	30.9	21.4	21.3	15.2	99		17.6	16.2	22.2
50	32.6	20.8	21.4	20.6	100	22.8			36.5

Dyed Fabric (Type #3) 1969

NO_x

(color difference) ΔE

Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec	Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec
101		20.7	20.6	15.8	151	20.4			21.5
102	13.0	18.4	17.1	9.6	152	14.6	23.7	19.2	
103	16.3	15.8	16.9	13.0	153	20.0	22.1	22.6	22.2
104	13.2	16.2	13.3	8.4	154	41.4	26.9	23.4	23.0
105	20.0	17.2	19.1	15.5	155	45.3	30.4	32.4	25.6
106	29.1	22.1	20.3	18.9	156				23.7
107	20.2	31.1	40.7	21.5	157	30.4	26.1	24.8	23.7
108	24.1	26.5	37.0	20.8	158	20.8	23.1	22.4	18.1
109	27.4	28.2	31.5	17.4	159		29.2		27.5
110	17.3	31.5	35.7	16.2	160		20.9	23.4	26.4
111	39.3	36.4		30.6	161	31.7	24.4		21.2
112	44.8	31.3	39.9	43.8	162				
113	46.5	34.4	37.4	43.2	163	35.1	25.0	24.8	25.9
114	21.1	23.5	25.8	18.0	164				
115	12.7	16.6	13.3		165				
116	16.9			8.8	166	16.7	19.8	24.6	18.9
117	19.1	24.5	14.2	16.4	167	18.9	25.3		17.2
118	19.4	22.5			168	21.5	24.7	22.2	14.6
119	18.3		25.4	23.2	169	23.2	23.4	26.6	17.5
120	18.6	21.3	19.4	18.6	170				33.2
121	19.4	24.0	26.5	19.5	171	32.2	22.5		21.3
122	27.3	27.4	23.0	19.5	172	16.9	17.4	17.5	13.1
123	22.1	23.0	25.4	17.9	173	25.6	23.4		20.5
124	21.2	21.5	23.5	18.1	174	31.6	24.1	25.8	22.1
125	14.8	21.2	20.1	12.1	175		21.0	23.4	16.5
126	16.8	18.6	22.6	13.0	176	14.4	21.7	23.7	14.0
127	26.7	19.8	21.2	17.3	177	32.9	28.1		31.9
128	20.5	24.1	20.7	17.5	178	24.5	20.7	19.5	15.3
129	20.7	26.2	19.2	18.3	179	22.3	23.7	21.7	12.4
130	18.8	24.9	20.9		180		21.5		37.0
131	21.8	25.2	24.9	16.7	181	47.3	23.8	20.7	33.5
132	20.7	23.8	25.9	17.7	182	40.2	41.7	39.4	
133	17.3	22.5	26.3	13.5	183	33.4	32.9	34.9	23.4
134	18.6	22.0		14.4	184	45.9	37.1	39.5	47.0
135	22.3	24.2	17.6	17.4	185	48.1	34.7	34.1	38.7
136	47.9	44.5			186	37.5	29.5	33.3	34.3
137		37.2	34.4	24.0	187	41.4	34.8	34.0	36.0
138	24.8				188	30.9	30.3	30.8	
139	28.8	21.8		20.2	189	24.4	28.8	35.3	22.3
140	25.7	26.4	21.5	18.4	190		48.7	49.5	52.5
141	20.6	22.7	21.6	17.4	191	35.6	29.6		32.5
142	22.3	25.2	21.9	16.9	192				23.3
143	24.0	24.4		16.4	193	31.0	23.8	19.9	20.3
144	23.6	31.3	41.7	23.3	194	37.7	21.9		19.7
145			27.0	19.0	195	22.6	23.3	20.7	17.0
146	23.6				196				
147	27.0	27.8	27.1	20.3	197	22.2	16.5	14.8	12.7
148	28.6	23.5	23.8	20.6	198	20.2	17.4	20.5	10.8
149	30.2	30.7	30.1	22.2	199	21.6	22.8		10.6
150	47.6	23.1		36.5	200	17.7	18.7	19.2	11.0

Dyed Fabric (Type #3) 1969

NO_x

(color difference) ΔE

Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec	Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec
201	19.3		21.4	12.0	251	20.8	18.3	18.9	14.6
202	18.3	20.4	20.7	13.3	252	13.2	17.4	13.4	12.8
203	18.4	20.9	20.7	16.0	253	20.0			6.8
204	14.1	15.1	22.1	11.3	254	18.9	18.2	19.3	13.4
205	16.1	20.7	22.1	12.6	255	20.0	19.8	22.4	17.4
206	15.6	22.6	21.5	12.0	256	15.3	17.5	15.9	9.9
207	14.2	18.0	19.5	13.4	257	25.9		30.5	
208	17.1	18.4		14.2	258	38.1			
209	24.2	24.8	25.9	16.9	259		17.5		
210		20.2		15.2	260			23.1	20.2
211	16.5	17.3	20.1		261	13.9	15.4	15.5	11.2
212			17.9	14.2	262	12.2			
213	18.1	21.8	22.6	17.7	263				
214					264	28.0	36.0	31.7	22.9
215	19.1	21.6	21.7	14.7	265	41.8	32.4	34.0	33.1
216	17.5	22.2	23.0	14.7	266	53.4	51.1	46.2	50.1
217	21.7	22.2	23.7	18.3	267				
218	22.9	26.8		22.1	268	22.1	21.1	24.1	20.8
219	20.5	22.2	20.1	17.5	269		24.5	23.2	
220	52.1			39.4	270			23.3	17.3
221	38.5	32.5		33.5	271		10.4		
222	25.2		22.9	21.0	272		16.9	22.2	20.8
223	25.3	29.0	20.7	17.1	273		23.0	39.5	20.3
224	25.6	24.7	22.3	19.7	274		10.8		9.2
225	21.9	21.1	19.1	16.6	275				
226	23.3	19.4	20.5	17.7	276				
227	17.4	25.4	18.7	12.7	277				
228			22.7		278				
229	50.0	37.2	44.8	40.4	279				
230	27.1	30.2		24.3	280				
231	18.5	19.8	23.1	17.1	281				
232	21.0	21.3	21.9	16.9	282				
233	18.9	21.6	20.4	16.6	283				
234		19.1			284				
235					285				
236	19.5	21.9	21.3		286				
237	20.2	23.9	20.7	15.4	287				
238	21.4	23.9	26.6	8.8	288				
239	54.6			54.4	289				
240	4.7	54.6		55.6	290				
241		20.2	19.4	20.7	291				
242	14.1	11.9		7.7	292				
243	50.8	47.6		41.1	293				
244	13.5	15.3	14.0	8.9	294				
245					295				
246	19.3				296				
247	17.5	21.8	17.0	12.7	297				
248	17.9	18.5	15.1	10.8	298				
249	24.0	29.8		10.6	299				
250		10.6		11.0	300				

Dyed Fabric (Type #5) 1969
Ozone
(color difference) ΔE

Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec	Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec
1		27.3	25.8	17.5	51	10.3		20.3	12.0
2	6.8	13.9	19.4	8.8	52	6.5	11.1	12.8	7.4
3	10.6	15.3	17.8	9.3	53	6.5	11.8	12.9	7.1
4	6.9	20.1	21.3	11.2	54		13.0	19.0	7.9
5	4.9	12.2	14.6	7.2	55			11.3	
6	8.0	15.9	17.5	9.0	56	14.9	21.0		16.6
7	6.5	14.4	15.3	7.4	57	10.5	16.7	20.1	10.4
8	6.6	14.5			58	10.7	18.0	21.3	
9	11.9	15.4			59	10.7	16.8		9.8
10	8.4	19.3		6.8	60	9.0	17.7	16.5	10.5
11	7.5	16.5	18.3	8.4	61		12.5		8.5
12	8.6	17.0	19.4	9.5	62	9.4	14.2		
13	6.1	14.7		6.8	63	12.0	19.4	18.2	12.3
14	9.6	20.9	20.4	10.7	64	12.0	24.2		
15	9.2	16.8	18.0	10.3	65	9.3	16.8		9.8
16	11.4	24.7	24.9	13.0	66	8.4	15.7	15.8	9.3
17	6.4	16.0	21.0	9.6	67	9.7		15.4	10.4
18	9.6	18.8	22.4	6.5	68	15.9	19.1	13.4	17.4
19	8.9			10.1	69	12.4		16.0	10.6
20		15.3	18.2	12.0	70		16.8		22.5
21	11.2	15.2	17.9	10.7	71	11.8		15.1	
22	10.5	19.1	20.5	11.5	72	8.4	14.4	15.8	7.1
23	9.0	18.4	23.6	10.8	73	15.1	17.3	15.7	13.1
24	5.3	8.7		5.6	74		15.8		
25			18.6	10.3	75		15.8		
26		5.9	8.4	3.5	76	9.6	15.8	16.7	8.3
27	6.6	13.9	13.6	8.0	77	11.6	15.5	13.2	9.6
28	6.6	11.7	13.8	7.8	78	6.8	11.7		
29	16.8	24.4		17.1	79	10.8	18.1	18.2	8.7
30	6.7	15.4	17.0	8.3	80	10.0	7.8		
31	9.3	17.2	19.6	10.9	81		16.8		10.1
32	12.9	19.2	22.0	13.0	82	7.5	11.8	11.5	6.2
33	14.4	22.6	21.3	16.6	83	12.1	15.4	16.6	9.7
34	7.4	16.3	19.1		84	9.1	15.5	14.4	9.0
35	8.6		17.5	9.0	85	12.2	17.4	21.3	12.7
36	9.6	16.7	19.0	9.4	86	10.5	18.6		
37	10.6	19.3	19.9	11.0	87	9.8	16.7	18.6	10.2
38	7.3	13.9	12.5	6.8	88	12.9	12.1	25.0	14.2
39	8.5	15.9	17.6	8.9	89	21.0	25.8		
40			20.9	8.8	90	21.1	27.1	26.1	23.0
41		25.2		17.8	91		22.4		11.7
42	13.7	23.6	24.4	15.0	92	12.1	23.1	19.5	18.6
43	9.8	20.0	22.8	13.7	93	13.9	21.9		9.4
44	10.6	16.7	23.4	13.3	94	20.3	23.5	25.2	20.0
45	11.4		18.7	11.2	95		11.6	9.8	10.8
46	8.1	16.6	20.3	10.6	96	13.5	14.6	17.2	
47	9.5	16.3	17.8	10.2	97	15.3	23.7	16.7	17.0
48	7.1	15.3			98	16.8			
49	12.5	14.8	11.5	10.0	99		18.8	15.8	12.8
50	13.0	12.9	17.1	12.0	100	16.7			

Dyed Fabric (Type #5) 1969
Ozone
(color difference) ΔE

Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec	Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec
101		16.0	16.2	11.4	151	12.1			13.9
102	9.8	17.8	17.4	11.5	152	9.3	15.2	17.6	
103	15.1	19.8	23.1	16.9	153	10.0	18.4	19.8	13.6
104	14.4	19.9	21.4	15.2	154	9.4	17.4	17.7	9.9
105	10.9	17.6	21.5	11.3	155	6.9	14.6	16.3	8.7
106	13.3	23.6	21.8	15.1	156				23.3
107	13.6	18.6	18.1	14.1	157	14.0	24.2	2.6	15.8
108	13.7	21.2	20.8	13.5	158	13.4	20.3	20.5	11.5
109	14.7	17.2	18.7	14.4	159		19.5		12.0
110	15.0	18.6	18.0	14.7	160		19.8	18.4	12.8
111	10.8	19.2		11.0	161	11.8	19.8		13.3
112	10.1	20.1	20.8	9.7	162				
113	10.1	20.2	22.3	10.8	163	10.3	16.6	19.6	10.6
114		24.3	24.1	15.0	164				
115	15.0	23.2	21.4		165				
116	18.3			10.4	166	10.3	18.1	20.6	11.4
117	16.5	23.1	17.9	17.1	167	12.4	19.4	21.4	14.8
118	17.0	19.0			168	13.8	18.3	21.1	12.7
119	10.7		13.1	18.9	169	11.5	18.0		12.4
120	14.6	21.7	20.8	16.5	170	7.1			
121	16.3	22.5	20.1	18.2	171	11.0	18.8		13.0
122	20.9	25.6	25.8	23.9	172	16.2	21.2	19.0	16.4
123	18.3	22.4	23.0	20.6	173	13.7	21.9		13.9
124	20.3	23.9	23.4	21.2	174	11.8	19.4	17.8	13.4
125	15.9		20.7	16.4	175		24.7	25.2	19.0
126	15.2	23.7	27.0	16.0	176	12.9	21.8	22.7	17.0
127	16.2	19.5	21.7	16.4	177	10.8	19.6		11.3
128	14.5	17.9	20.1	14.8	178	14.8	21.0	22.5	14.5
129	17.4	22.5	17.2	16.4	179	17.9	22.9	22.3	14.6
130	18.2	20.5	18.7		180		17.5		11.7
131	14.4	20.1	20.1	14.9	181	12.4	21.1	20.6	15.0
132	14.7	21.1	19.5	16.9	182	6.6	14.3	16.2	
133		20.5	23.0	16.9	183	11.2	19.8	20.7	11.4
134	18.2	22.8		16.1	184	7.6	16.5	18.4	9.1
135	17.3	18.0	13.5	14.3	185	10.5	23.5	25.6	15.5
136		9.8			186	12.2	21.4	24.2	15.0
137		12.7	14.8	8.4	187	10.7	18.8	20.7	11.0
138	10.1			11.1	188	14.1	24.7	27.1	16.7
139	12.5	15.9		11.7	189	15.2	22.4	29.9	21.4
140	9.5	17.4	18.0	10.2	190		20.3	23.2	12.3
141	14.2	21.5	19.5	12.6	191	7.9	16.3	23.9	12.7
142	16.8	22.5	20.7	17.0	192				8.2
143	13.3	21.9	18.6	15.2	193	9.4	14.3	11.6	11.5
144	13.5	19.0	26.7	17.0	194	12.5			13.9
145			19.6	16.5	195	14.8	21.8	23.3	15.6
146	15.9				196				
147	11.3	17.9	18.6	12.2	197	12.9	18.7	16.7	11.3
148	11.1	16.9	17.8	9.4	198	10.9	15.7	15.7	9.0
149	6.4	13.0	14.8	7.8	199	12.8	16.1		9.8
150	9.5	20.2		11.2	200	12.9	16.4	13.2	10.8

Dyed Fabric (Type #5) 1969
Ozone
(color difference) ΔE

Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec	Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec
201	10.3		17.6	10.9	251	10.0	11.9	10.5	9.4
202	10.6	16.9		9.6	252	11.8	17.9	17.9	14.3
203	11.2	17.2	18.9	10.9	253				12.7
204	13.7	20.3	21.5	12.7	254	10.6	13.1	15.5	10.7
205	12.6	19.4	22.5	13.6	255	16.8	12.2		12.8
206	12.2	18.4	20.9	16.0	256	17.6	14.0	11.4	16.7
207	15.8	23.4	24.4	16.1	257	19.8	14.6	14.3	20.8
208	17.5			16.3	258	13.9			
209	13.4	21.7	23.6	13.2	259		15.6	23.2	
210	7.0	21.1	22.8	14.6	260				17.7
211	19.4	24.8	27.9		261	16.8	22.3	22.4	18.0
212				13.4	262	17.7			
213	15.0	20.0	22.7	15.5	263				
214					264	8.6	14.6	18.7	9.6
215	19.2	23.6	22.2	19.3	265	9.4		20.3	10.1
216	15.7	18.4	18.5	14.6	266	16.2	17.8	19.5	14.5
217	14.1	19.2	20.3	16.6	267				
218	9.6	8.8		13.0	268	11.8	20.3	22.9	14.1
219	19.7	25.8	24.7	21.8	269		19.9	19.8	
220	7.6			8.5	270		14.2	30.5	23.7
221	11.2	20.1		10.7	271		7.0		
222	15.1	12.8	24.0	16.6	272		16.4	25.8	15.5
223		17.9	16.8	14.4	273		14.9	23.2	9.5
224	10.5	18.0	22.1	11.5	274		10.2		13.2
225	12.2	18.5	20.1	12.9	275				
226	11.8	18.1	19.2	12.7	276				
227	9.9	16.0	17.6	10.8	277				
228		19.0	20.5		278				
229	10.4	19.1	22.0	9.9	279				
230	14.6	24.0		16.6	280				
231	21.5	23.6	21.0	23.3	281				
232	16.2	23.7	20.2	20.5	282				
233	20.0	23.2	21.0	21.6	283				
234		20.3			284				
235					285				
236	16.0	21.6	21.9		286				
237	18.0	24.1	23.5	16.9	287				
238	15.3	23.5	26.9	13.6	288				
239	13.3	25.2	29.0	15.3	289				
240	11.1	21.7	22.3	13.3	290				
241		9.0	12.0	14.4	291				
242	16.8	18.7		20.1	292				
243	7.7	16.2	20.9	10.6	293				
244	14.1	19.9	21.4	16.8	294				
245					295				
246	7.7			8.7	296				
247	5.0	19.8	10.7	5.7	297				
248	13.2	17.1		11.4	298				
249	11.5	15.5	16.2	10.5	299				
250		14.5	20.9	12.4	300				

Dyed Fabric (Type #6) 1969
Fabric soiling
(color difference) ΔE

Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec	Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec
1		9.0	6.9	6.3	51	9.8	10.2	8.6	8.1
2	19.0	18.0	10.3	13.8	52	20.6	37.1	15.6	16.7
3	7.3	41.6	10.5	10.3	53	13.7	8.7	14.6	11.7
4	12.1	13.1	12.8	13.5	54		12.3	9.4	9.7
5	9.6	10.9	11.7	11.4	55			4.9	
6	7.4	11.9	9.4	11.9	56	11.8	22.6		7.3
7	14.6	11.4	8.8	8.5	57	10.2	10.9	9.3	10.5
8	13.8	26.1			58	7.0	9.9	8.4	
9	7.3	8.2			59	12.4	18.1		14.6
10	17.4	12.6		11.1	60	12.5	12.2	9.6	11.1
11	10.8	10.6	9.2	7.6	61	12.6	15.7		12.5
12	10.5	46.2	9.2	9.9	62	10.4	35.9		
13	16.1	17.7		7.2	63	9.1	9.8	8.5	8.1
14	11.6	11.3	9.3	11.5	64	6.8	9.6		
15	15.6	12.9	12.9	13.8	65	15.4	11.0	22.9	13.6
16	9.6	11.3	7.7	9.6	66	14.1	18.5	11.9	11.2
17	14.4	16.5	10.2	13.4	67	11.4		14.9	10.2
18	8.8	18.8	10.4	9.6	68	10.1	12.1	8.3	10.6
19	10.4	11.6		11.2	69	9.3		6.3	9.0
20		12.4	9.8	5.2	70		12.5		9.9
21	5.8	10.5	5.9	8.5	71	17.3		8.5	
22	4.9	13.7	11.3	11.5	72	12.7	14.2	9.8	12.5
23	14.5	8.9	14.9	8.8	73	9.0	8.0	7.9	10.3
24	20.7	16.7		19.5	74		16.4		
25			7.3	8.6	75				
26		15.2	12.2	12.6	76	5.5	8.6	9.7	9.7
27	16.6		11.4	11.9	77	9.1	20.2	6.4	7.7
28	16.7	16.3	14.6	14.1	78	6.9	12.0		
29	6.0	21.7		5.5	79	5.5		7.6	9.8
30	8.3	12.1	10.6	10.2	80	6.0			
31	20.2	11.5	8.5	14.1	81				6.9
32	11.8	26.6	7.2	11.3	82	8.1	18.8	9.3	10.9
33	11.6	9.8	6.8	8.6	83	6.4	10.2	8.4	3.9
34	16.0	31.5	12.9		84	6.1	10.6	8.9	9.3
35	9.2		12.7	12.7	85	7.5	17.4	8.9	12.1
36	8.4	11.1	10.1	10.4	86	5.5	10.5		
37	11.7	25.6	7.6	9.2	87	9.0	13.5	9.8	12.0
38	14.1	13.2	12.3	11.1	88	5.8	7.6	6.0	7.4
39	12.3	11.5	11.1	24.4	89	3.6	11.2		
40			11.0	13.3	90	2.3	10.0	5.2	9.2
41	7.9	8.9		10.0	91		11.4		9.6
42	9.1	8.1	7.8	10.9	92	3.4	11.6	9.0	8.3
43	10.9	11.7	8.3	10.3	93	8.8	13.6		13.0
44	10.9	18.3	10.2	11.7	94	4.8	11.3	8.7	10.3
45	12.3	28.0	10.1	5.8	95	7.4	12.0	10.1	9.6
46	16.1	14.6	11.4	13.8	96	5.5	14.9	10.3	
47	6.4	11.5	22.9	12.6	97	4.7	11.4	6.2	10.0
48	7.3	12.7			98	8.3			
49	5.4	9.3	9.1	4.4	99		9.9	10.0	8.9
50	7.1	12.8	6.2	10.5	100	4.0			

Dyed Fabric (Type #6) 1969
Fabric soiling
(color difference) ΔE

Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec	Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec
101		17.6	13.7	8.1	151	5.4			8.7
102	8.3	12.5		11.4	152	6.0	16.8	7.1	
103	6.2	9.2	7.8	13.6	153	9.0	12.2	8.5	8.6
104	6.9	16.2	6.5	9.1	154	9.3	26.9	8.6	7.2
105	4.2	10.5	7.6		155	7.2	11.3	9.0	9.8
106	6.0	7.4	9.0	11.0	156				4.6
107	4.6	7.8	7.6	8.6	157	10.5	10.1	7.4	10.9
108	7.4	8.1	5.8	4.7	158	12.7	9.8	7.6	9.3
109	13.7	6.9	9.6	5.5	159		16.7		15.6
110	6.4	6.6	9.9	5.0	160		10.3	7.1	10.4
111	10.6	11.0		14.2	161	14.9	10.7		7.3
112	13.6	12.1	9.9	12.1	162				
113	10.7	13.8	9.8	11.7	163	8.5	13.7	10.5	9.0
114	6.5	8.5	9.4	7.7	164				
115	2.0	7.1	4.7		165				
116				5.5	166	7.4		8.6	10.9
117	6.2	9.7	7.7	9.6	167	3.7	10.2		9.6
118	8.5	17.3			168	5.1	14.0	11.9	8.6
119	6.4		11.0	15.7	169	8.3	11.7	8.8	9.3
120	5.4	12.7	8.3	11.5	170				
121	5.3	5.1	7.9	8.9	171	10.2			8.8
122	5.1	10.5	7.5	11.8	172	7.0	7.7	4.1	5.5
123	4.7	11.5	5.6	8.0	173	6.1	23.4		9.8
124	9.9	10.1	6.6	6.6	174	8.7	9.8	8.1	10.3
125	5.6	9.5	8.1	8.6	175		8.0	6.0	3.1
126	5.2	10.2	10.7	10.6	176	5.5	10.4	5.4	9.5
127	5.8	11.7	10.3	10.1	177	14.2	10.3		12.9
128	7.8	12.2	11.3	8.7	178	5.1	13.4	6.0	7.8
129	8.0	10.5	8.7	6.8	179	4.8	7.5	7.3	13.9
130	8.2	11.6	4.0		180		11.1		7.1
131	7.1	9.8	6.2	5.8	181	5.1	9.1	7.6	7.3
132	6.3	17.5	8.7	5.0	182	11.6	18.6	13.6	
133	4.6	8.1	6.1	2.8	183	12.0	12.7	11.0	4.5
134	3.7	9.4		10.3	184	17.7	13.4	9.7	22.1
135	2.8	9.4	5.7	9.8	185	12.4	10.2	11.4	6.9
136	20.4	22.5			186	13.3	10.1	6.7	9.1
137		19.8	11.3	15.4	187	14.1	11.7	8.2	12.3
138	6.8			7.5	188	10.3	8.3	7.7	9.7
139	13.9	13.8		6.0	189	12.4	28.8	8.5	9.3
140	11.7	9.2	10.0	8.4	190		10.8	10.4	5.9
141	6.2	10.7	7.1	12.7	191	14.4	29.6	9.0	13.0
142	9.6	8.4	7.3	6.1	192				14.1
143	9.0	16.9	11.2	11.9	193	11.7	20.5	11.2	9.2
144	8.9	16.6	10.4	17.2	194	15.2	14.5	7.0	8.9
145			9.0	9.6	195	7.3	8.5	7.4	7.2
146	7.4				196				
147	8.8	27.8	9.6	11.2	197	4.5	9.4	8.1	9.1
148	13.3	10.7	8.9	12.8	198	11.1	15.4	9.9	10.7
149	17.5	14.5	12.1	12.1	199	7.0	11.0		5.9
150	14.0	8.4		6.6	200	9.6	12.3	15.0	

Dyed Fabric (Type #6) 1969
Fabric soiling
(color difference) ΔE

Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec	Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec
201	6.2		9.3	8.4	251	11.5	11.3	11.2	10.5
202	13.9	12.3	9.9	12.6	252	5.1	8.5	6.9	5.9
203	8.4	11.6	8.4	6.6	253		10.1		8.3
204	6.5	9.7	8.7	8.6	254	7.4	19.4	21.8	15.7
205	10.3	9.0	8.9	3.2	255	3.6		9.3	8.5
206	9.8	22.6	9.8	10.6	256	4.7	10.3	9.4	11.4
207	4.2	8.7	6.3	6.6	257	4.3	12.9	6.6	8.7
208	4.8	11.9		10.9	258	18.1			
209	6.7	24.8	9.2	9.3	259		15.2		
210	4.5	8.7	8.9	4.8	260			7.0	8.4
211	3.9	7.9	9.3		261	4.3	7.7	7.4	8.7
211				7.2	262	3.8			
213	8.3	9.0	7.1	5.2	263				
214					264	11.5	14.4	9.5	12.3
215	9.8	9.7	7.8	7.7	265	11.0	11.9	13.1	15.0
216	10.7	8.5	7.8	10.4	266	18.1	16.9	13.9	9.8
217	8.9	13.6	10.1	5.3	267				
218	13.2	17.7		12.7	268	8.5	10.7	9.0	11.1
219	6.3	8.7	6.6	3.4	269		8.1	10.1	
220	12.2			15.8	270		6.0	5.2	7.9
221	14.7	12.8		11.1	271		6.6		
222	8.1		13.8	14.0	272		7.3	6.5	6.3
223	8.7	10.8	9.2	10.5	273		8.6	12.7	12.5
224	10.7	10.5	8.9	9.0	274		5.2		9.0
225	12.0	9.1	7.9	4.5	275				
226	9.3	11.3	7.7	10.7	276				
227	12.2	25.4	9.0		277				
228			6.7		278				
229	13.4	12.2	11.9	10.1	279				
230	11.1	11.2		8.5	280				
231	2.1	9.3	6.4	8.9	281				
232	7.0	8.3	6.5	7.4	282				
233	4.4	9.4	5.7	5.6	283				
234		9.1			284				
235					285				
236	4.0	9.9	7.1		286				
237	7.9	6.8	6.7	2.7	287				
238	6.5	8.1	4.6	7.1	288				
239	7.1	11.7	12.0	7.5	289				
240	8.3	10.7	11.1	9.6	290				
241		13.2	9.0	16.3	291				
242	1.9	3.8		5.3	292				
243	13.6	13.2	10.6	9.1	293				
244	3.4	8.0	5.0	8.9	294				
245					295				
246	6.0			9.6	296				
247	6.0	13.7	10.9	7.8	297				
248	8.6	10.1	10.2	9.8	298				
249	10.6	12.9		7.4	299				
250		8.1	5.0	7.9	300				

Dyed Fabric (Type #7) 1969

SO_2

(color difference) ΔE

Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec	Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec
1		8.9	4.6	1.7	51	10.8	9.5	5.4	4.2
2	22.5	13.0	3.5	3.6	52	16.3	19.6	5.3	16.4
3	10.4	8.4	2.7	2.9	53	10.1	13.0	12.3	9.9
4	15.2	11.2	6.4	5.2	54		12.1	1.8	3.2
5	11.5	10.3	5.8	5.7	55			7.5	
6	7.9	12.9	4.1	1.0	56	8.4			4.5
7	9.5	10.4	4.1	2.3	57	12.4	10.1	4.7	2.0
8	14.6	8.7			58	10.9	10.0	3.3	
9	7.1	9.4			59	10.8	12.9		5.4
10	14.6	9.3		3.3	60	8.9	9.1	3.5	3.6
11	10.8	7.3	2.2	4.3	61	17.1	15.8		7.1
12	11.4	11.2	5.1	5.2	62	8.4	9.2		
13	18.7	11.9			63	1.0	10.6	5.1	22.8
14	10.8	9.4	2.7	4.0	64	4.8	7.0		
15	17.9	12.7	3.7	8.5	65	10.1	7.4	3.8	
16	12.8	9.7	2.6	10.7	66	11.5	14.6	5.8	3.8
17	17.1	13.8	2.8	6.0	67	11.1		4.0	11.0
18	14.2	15.3	2.0	2.7	68	7.7	10.2	3.0	
19	11.6	15.2		6.0	69	5.2		2.4	7:4
20		13.5	3.8	3.5	70		12.5		2.0
21	5.3	11.7	4.2	2.1	71	3.6		3.6	
22	10.3	10.5	2.4	2.3	72	9.9	6.3	5.2	4.1
23	25.9	17.0	8.3	15.4	73	5.3	8.8	3.1	3.8
24	22.7	14.8		15.2	74		8.5		
25			2.6	18.0	75		8.3		
26		22.6	5.4	9.6	76	7.0	6.2	5.7	2.5
27	7.0	19.7	4.5	10.7	77	6.0	7.2	4.3	1.4
28	17.7	8.9	7.7	7.4	78	19.9	7.0		
29	3.7	4.7		4.6	79	5.6	15.6	3.4	1.9
30	12.6	15.8	3.5	3.7	80	9.6	5.5		
31	17.3	12.4	5.0	6.3	81		7.0		1.3
32	9.1	8.4	3.3	2.5	82	15.2	11.8	3.6	10.5
33	9.5	9.5	6.0	1.1	83	4.6	6.8	5.1	2.6
34	12.8	13.3	4.9		84	7.1	9.9	5.5	5.1
35	15.7		4.2	7.2	85	14.7	16.9	3.0	4.1
36	14.4	9.0	4.0	8.3	86	7.0	9.4		
37	12.6	8.4	3.1	2.2	87	11.2	13.8	5.0	3.3
38		16.3	7.3	12.9	88	3.8	5.9	3.8	1.8
39	10.0	11.5	4.0	11.4	89	14.8	7.7		
40			5.3	6.7	90	4.0	7.6	5.3	1.6
41	13.1	6.2		3.3	91		12.6		.53
42	9.4	8.0	4.5	3.7	92	5.5	8.7	7.1	.65
43	10.7	7.4	4.1	4.7	93	11.5	16.7		5.8
44	8.8	10.3	2.6	4.2	94	6.7	8.4	3.9	4.2
45	14.9	7.8	3.1	3.8	95	13.2	9.0	5.6	1.3
46	20.0	11.7	5.2	5.1	96	9.4	11.6	2.9	
47	5.9	13.0	4.3	3.8	97	5.0	6.6	4.5	3.0
48	8.2	7.5			98	8.1			
49	8.2	13.4	7.9	6.1	99		9.3	3.1	
50	6.8	12.2	4.1	4.1	100	6.2			

Dyed Fabric (Type #7) 1969

SO_2

(color difference) ΔE

Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec	Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec
101		11.8	3.3	11.7	151	8.9			3.4
102	12.6	12.1	4.4	3.6	152	10.0	8.6	2.3	
103	10.4	10.9	3.2	2.4	153	8.6	8.1	2.8	3.0
104	9.5	7.9	2.5	.88	154	16.7	14.0	3.8	6.6
105	6.7	10.3	2.6	4.2	155	9.1	12.5	3.9	2.5
106	5.9	8.7	3.8	1.2	156				1.8
107	3.4	6.8	6.9	3.8	157	12.1	7.3	3.4	.91
108	2.9	7.2	2.6	1.3	158	12.7	9.3	4.7	2.0
109	2.5	7.3	7.4	3.0	159		9.7		
110	1.7	5.6	3.4	3.8	160		8.3	8.7	1.9
111	19.6	9.5		4.4	161	13.0	8.1		6.9
112	10.6	10.3	2.2	7.6	162				
113	18.2	7.6	3.6	2.0	163	1.0	10.9	4.2	3.1
114	9.8	8.0	6.6	2.5	164				
115	3.2	5.9	3.8		165				
116	6.2				166	9.1	11.6	3.1	6.4
117	12.9	12.3	3.3	4.4	167	5.3	8.4		3.6
118	11.7	12.3			168	7.3	12.1	3.7	3.7
119	8.5		5.7	12.2	169	7.8	8.5	7.8	12.1
120	7.4	10.1	4.1	2.2	170				
121	10.5	6.4	5.6	2.3	171	8.6	8.8		
122	5.9	7.1	5.4	1.7	172	5.7	5.6	4.6	2.5
123	7.4	6.1	3.3	1.7	173	16.1	10.4		
124	6.5	6.7			174	12.2	8.0	1.7	
125	16.8	10.1	2.8	3.1	175		6.6	2.9	3.3
126	16.6	10.2	3.2	2.1	176	6.8	7.5	4.5	3.3
127	8.1	11.6	3.7	.86	177	11.1	8.4		4.2
128	9.3	8.8	3.4	5.4	178	5.6	8.8	4.4	3.8
129	4.9	9.0	3.1		179	8.4	7.2	5.6	3.9
130	9.8	10.4	4.2		180		6.5		2.7
131	12.7	7.4	3.5	1.3	181	6.0	8.4	3.5	3.8
132	11.5	9.4	2.9	.36	182	24.4	11.5	3.5	
133	7.3	6.4	5.2	1.9	183	9.3	9.9	2.2	3.7
134	6.4	7.6		8.5	184	18.8	8.6	4.7	12.6
135	5.7	9.8	3.6	1.3	185	9.7	12.5	3.8	3.0
136	17.0	17.9			186	11.3	9.8	4.5	1.0
137		17.0	8.6	9.0	187	10.7	10.8		2.4
138	5.9			17.0	188	7.3	7.6	7.5	2.5
139	8.5	11.3		2.9	189	8.1	9.4	3.6	3.5
140	7.7	7.3	4.6	6.1	190		10.8	2.5	4.6
141	8.9	9.0	3.3	5.1	191	19.6	7.9	2.5	4.6
142	10.3	6.8	5.7	1.4	192				10.0
143	7.3	8.6	5.0	.62	193	13.1	15.4	1.7	5.3
144	12.9	16.8	2.9	11.6	194	9.3	10.2		
145			5.2	3.3	195	7.4	8.1	5.7	.81
146	4.1				196				
147	5.7	10.8	2.4	2.6	197	6.1	8.7	3.2	2.3
148	26.1	8.9	7.2	11.8	198	9.3	22.2	8.6	7.7
149	17.9	17.9	5.4	11.1	199	12.3	8.8		2.5
150	17.4	8.6		3.5	200	5.5	9.1	5.8	0.2

Dyed Fabric (Type 7) 1969
SO_2
(color difference) ΔE

Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec	Station #	Jan/Mar	Apr/June	July/Sep	Oct/Dec
201	9.2		3.5	3.0	251	14.6	17.8	10.2	5.3
202	16.7	13.3	4.7	5.4	252		10.4	4.1	
203	8.3	8.1	5.1	4.7	253	11.3			
204	4.2	7.0	4.5	2.0	254	8.8		9.2	6.6
205	7.4	9.2	3.9	1.4	255	2.0	8.2	3.3	3.6
206	5.9	6.6	4.5	2.1	256	12.0	8.4	3.7	5.0
207	4.3	10.8	4.2	1.8	257	5.4	14.8	5.0	4.4
208	8.3	11.7		2.1	258	14.6			
209	6.1	8.1	2.6	7.3	259		4.2		
210	5.5	10.7	4.1		260			4.5	2.8
211	9.2	8.8	3.3		261	2.4	7.4	2.4	2.6
212				.71	262	13.2			
213	4.6	8.9	4.2	1.0	263				
214					264	14.9	14.5	4.4	6.9
215	7.9	8.0	6.2	2.1	265	10.0	9.1	3.8	6.2
216	9.0	9.3	7.3	6.6	266	22.4	11.5	3.7	12.1
217	7.3	8.4	4.5	3.0	267				
218	18.3	14.2		3.5	268	6.4	11.5	5.0	2.5
219	3.0	7.8	2.9	2.5	269		8.0	2.7	
220	9.4			15.4	270		8.0	3.2	2.3
221	15.3	12.5		4.2	271		6.4		
222	13.3		3.6	3.0	272		5.9	4.6	2.5
223	10.9	11.1	4.3	4.0	273		8.1	3.5	5.3
224	5.7	7.7	4.4	3.1	274		14.6		0.4
225	11.3	9.9	5.1	2.8	275				
226	6.2	6.2	4.3	3.3	276				
227	10.0	9.5	6.7		277				
228			5.6		278				
229	14.9	14.4	5.6	4.1	279				
230	13.7	12.3		5.9	280				
231	5.3	4.7	7.0		281				
232	8.5	6.6	5.8	1.3	282				
233	5.5	4.6	3.2	1.8	283				
234		7.3			284				
235					285				
236	5.8	9.6	3.5		286				
237	7.5	8.4	5.0	2.6	287				
238	12.2	5.6	7.1	2.4	288				
239	6.0	7.1	5.2	2.1	289				
240	6.9	8.8	4.6		290				
241		12.1	3.0	.37	291				
242	9.6	4.2		7.4	292				
243	19.0	13.6	4.2	5.4	293				
244	4.7	9.8	5.0	4.1	294				
245					295				
246	12.6			6.9	296				
247	6.2		4.5	7.4	297				
248	9.2	8.5	4.6	2.9	298				
249	8.1	11.0		1.3	299				
250		9.3	4.1	1.2	300				

SILVER TARNISHING 1969

Reflectance, % loss

Sta.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
1	46	48	61	58	45	V	V	52	37	47	38	48
2	58	54	88	61	69	69	56	52	55	52	56	45
3	31	78	56	76	71	80	74	77	70	58	76	46
4	85	81	70	51	58	66	62	63	58	46	48	48
5	71	90	68	82	70	80	69	76	79	80	65	71
6	49	63	63	50	V	46	40	57	42	23	52	35
7	36	68	63	46	62	60	37	51	38	40	56	54
8	59	36	63	V	67	84	60	V	73	77	87	69
9	70	59	71	85	79	72	64	82	76	79	52	74
10	68	19	69	77	82	64	70	67	63	69	68	69
11	80	71	72	82	84	68	73	87	52	86	86	79
12	74	85	79	82	74	83	73	83	79	69	88	65
13	87	49	74	78	85	80	82	V	88	82	84	73
14	51	85	50	63	46	70	57	65	64	43	33	56
15	78	61	65	37	69	43	61	67	80	77	74	72
16	69	74	90	73	77	82	64	77	62	70	66	87
17	75	83	67	84	80	76	65	80	83	79	84	75
18	71	64	33	81	63	69	55	65	48	66	46	62
19	44	80	61	63	60	55	47	49	55	65	41	49
20	49	63	59	65	61	45	39	54	47	57	46	49
21	42	42	53	58	55	52	41	58	47	51	43	30
22	53	46	52	60	48	56	40	V	31	58	51	71
23	83	86	64	83	V	88	83	75	64	59	70	58
24	95	91	99	94	89	91	86	92	93	92	89	79
25	56	28	V	49	8	31	29	V	V	29	30	27
26	75	91	80	51	69	71	65	87	78	80	64	59
27	V	16	V	V	40	V	26	49	28	36	33	
28	69	73	69	48	56	63	74	65	74	88	67	62
29	30	26	44	29	V	21	21	29	24	16	19	22
30	51	73	38	60	51	58	37	54	38	83	56	37
31	47	71	57	67	58	65	58	71	46	45	58	73
32	42	73	79	V	56	38	49	71	38	34	54	67
33	V	89	77	64	47	63	52	74	V	56	56	52
34	75	70	65	54	82	82	V	76	65	76	68	72
35	77	86	65	62	88	82	85	86	70	35	71	83
36	61	77	40	73	88	81	67	76	70	76	53	81
37	47	50	38	42	41	48	44	47	55	43	68	51
38	69	88	73	63	93	78	74	86	76	88	73	77
39	31	65	44	64	45	51	51	56	75	54	44	44
40	44	39	61	33	45	61	63	62	52	58	80	49
41	38	46	48	52	47	34	49	60	70	63	55	57
42	31	34	70	61	42	51	63	58	61	79	71	30
43	67	63	84	57	38	42	36	43	40	64	78	66
44	37	36	59	26	19	34	37	43	32	67	55	54
45	72	V	96	73	90	95	90	94	93	93	84	74
46	51	49	57	46	46	82	67	75	67	73	76	43
47	18	49	43	53	56	68	57	58	90	75	58	84
48	37	45	43	40	54	63	51	79	75	32	51	31
49	53	V	53	37	35	35	38	71	47	27	28	45
50	68	57	57	61	58	47	57	V	39		73	44

SILVER TARNISHING 1969

Reflectance, % loss

Sta.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
51	49	42	48	59	52	49	38	51	39	51	44	54
52	76	97	98	90	85	90	91	100	95	94	91	86
53	70	90	80	88	89	82	82	76	55		80	85
54	76	68	54	80	57	55	V	V	V		51	67
55	47	51	V	V	V	V	V	51	42		42	48
56	58	49	34	43	23	37	V	28	27		49	42
57	38	32	30	69	54	49	V	67	46		42	30
58	51	40	37	45	40	29	51	43	V	17	7	17
59	26	33	35	39	44	49	71	29	26		38	25
60	66	60	68	83	63	58	V	V	64		68	74
61	66	89	93	88	94	V	94	98	100		86	74
62	80	79	85	87	88	92	86	95	V			
63	65	78	74	89	78	81	74	78	77	75	76	71
64	16	70	40	59	73	61	59	64	V	52	52	60
65	64	71	71	78	63	59	52	69	58	56	57	56
66	95	74	91	88	93	94	92	88	89	79	81	88
67	36	63	78	81	81	77	77	88	80	77	80	84
68	81	81	89	88	86	80	75	77	82		71	63
69	31	15	21	18	27	31	V	11	8	20	33	11
70	58	57	49	59	44	46	47	60	49	77	70	70
71	V	V	V	11	5	15	8	6	V		15	36
72	28	38	40	17	V	17	16	20	20	45	31	26
73	37	27	23	14	20	43	3	10	29	12	40	30
74	80	91	V	V	V	V	98	74	V		95	74
75	88	V	V	V	V	V	V	100	V			
76	V	70	75	90	96	99	94	98	90	96	80	86
77	18	16	51	44	72	90	83	72	72	31	51	21
78	43	20	63	27	52	36	28	46	V		69	48
79	20	11	21	12	20	38	38	59	24	11	35	23
80	61	83	76	60	60	83	V	81	74	71	96	91
81	39	80	77	58	65	64	V	56	37		76	84
82	27	40	49	35	57	67	53	61	73		57	50
83	58	23	69	31	84	71	76	V	90		62	48
84	53	41	57	53	87	94	64	85	76	54	72	84
85	43	30	46	46	45	53	40	57	49	48	61	34
86	51	32	64	49	V	44	35	64	49		40	46
87	34	60	43	32	38	48	33	58	76	35	55	33
88	38	33	23	36	34	33	23	35	34	30	29	29
89	11	17	15	14	11	12	24	87	53		49	25
90	13	22	25	68	37	76	66	88	64	70	42	51
91	2	10	10	11	20	19	21	32	37	16	16	8
92	5	14	22	17	42	34	80	83	70	27	26	15
93	63	59	55	79	80	96	88	94	94		69	53
94	24	33	35	40	51	51	59	52	38	46	58	42
95	29	26	38	36	37	64	51	50	52	83	88	63
96	V	V	4	5	7	6	11	20	8	5	4	1
97	6	9	7	2	V	V	V	6	9	4	2	4
98	52	28	31	V	V	V	V	81	47		13	
99	46	40	44	54	44	V	55	62	58	47	70	49
100	V	V	V	V	V	V	V	V	V			

SILVER TARNISHING 1969

Reflectance, % loss

Sta.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
101	19	10	9	32	33	22	21	28	V	14	23	19
102	2	11	9	16	17	12	29	25	V		39	14
103	9	21	38	46	55	91	51	82	83	69	59	25
104	16	23	15	12	15	46	25	33	42	38	43	23
105	23	21	33	54	62	98	78	V	V		87	26
106	47	48	67	48	41	35	33	32	V	34	38	56
107	67	42	38	65	37	44	55	39	21	29	27	
108	20	29	33	35	29	39	31	39	32	30	28	29
109	26	38	30	23	20	33	31	37	24	23	24	33
110	34	37	39	40	27	51	42	37	25	16	20	24
111	35	55	59	66	55	57	52	45	59	73	55	60
112	60	57	66	52	43	48	46	V	49	45	35	55
113	58	83	69	63	65	67	47	49	64	74	76	74
114	36	52	46	47	43	42	38	29	37	37	43	52
115	20	27	30	29	21	94	83	24	V	19	19	27
116	74	82	76	65	31	86	V	V	V		55	
117	78	71	86	72	69	80	79	82	84	71	71	44
118	78	81	70	88	83	90	80	91	82	64	82	84
119	V	57	51	74	59	81	77	82	65	72	68	54
120	74	54	68	55	57	82	83	81	60	56	71	46
121	70	86	85	69	45	79	79	80	79	90	73	83
122	73	66	68	79	77	84	77	93	69	79	83	76
123	52	60	67	60	67	86	77	78	80	80	69	54
124	66	44	65	60	34	38	70	58	39	59	56	43
125	56	32	47	30	30	66	39	30	34	38	24	43
126	25	33	43	30	25	47	63	62	V	41	44	44
127	31	23	31	36	40	42	34	57	35	39	39	34
128	46	41	V	63	94	79	78	81	70	74	69	50
129	68	60	66	77	84	86	0	84	80	90	65	56
130	46	46	41	58	44	47	46	60	V	42	46	
131	44	58	75	78	74	88	90	76	32	44	35	28
132	63	83	80	74	75	83	79	63	59	75	62	66
133	35	19	42	62	56	54	66	43	41	22	30	40
134	93	88	90	79	93	88	88	V	93	95	90	84
135	33	36	49	35	31	42	21	46	31	38	34	48
136	V	V	70	V	V	V	V	83	V	85	89	33
137	70	89	77	V	89	92	78	81	76	75	74	70
138	70	64	78	V	V	V	V	81	76	57	65	57
139	58	33	37	77	V	V	V	58	V	21	52	26
140	35	66	V	67	55	53	51	67	50	62	83	63
141	48	73	56	45	45	52	51	66	41	57	57	34
142	36	46	65	37	34	37	35	40	24	36	41	52
143	43	37	57	57	46	39	54	30	29	49	31	46
144	56	68	63	57	43	39	36	39	32		51	53
145	70	71	80	71	68	77	63	68	58	75	87	58
146	53	30	64	83	73	89	83	77	V	89	54	62
147	30	56	59	61	53	60	42	61	43	79	65	47
148	40	53	45	24	32	41	33	36	25	46	61	31
149	54	54	63	70	82	76	86	62	66	79	71	64
150	67	82	67	58	66	65	72	78	70	74	81	83

SILVER TARNISHING 1969

Reflectance, % loss

Sta.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
151	95	90	83	89	82	89	89	88	70	89	98	83
152	V	93	99	89	86	88	V	94	84	99	95	98
153	88	89	98	95	90	92	94	94	96	100	87	82
154	45	71	60	49	41	44	44	60	V	49	56	63
155	54	69	58	49	32	43	42	57	43	44	44	43
156	V	V	27	45	34	V	V	V	V	27	31	
157	30	57	49	44	38	32	28	36	25		46	46
158	25	56	43	52	23	29	V	40	29	36	59	54
159	V	V	80	V	V	V	V	V	V		82	81
160	47	78	42	41	33	33	26	38	43	31	76	76
161	48	61	65	65	44	41	V	41	50		78	51
162	V	V	V	V	V	V	V	V	V		48	
163	73	43	46	55	54	57	45	56	42	50	57	51
164	V	V	V	V	V	V	V	V	V			
165	V	V	V	V	V	V	V	V	V			
166	68	55	89	64	81	84	76	76	62	79	81	67
167	52	79	52	32	88	52	50	52	45	40	47	57
168	75	44	70	64	57	82	63	73	60	81	76	64
169	36	81	63	63	52	83	60	79	76	78	80	62
170	V	V	V	V	V	V	V	V	V			
171	57	35	41	32	29	33	27	40	27	27	32	43
172	38	47	44	27	20	31	26	32	35	24	25	37
173	37	33	34	37	39	61	34	45	27	29	35	33
174	45	51	54	58	48	66	56	62	35	71	58	46
175	44	35	53	28	25	29	27	26	24		32	38
176	54	28	44	31	35	43	36	39	28	29	30	24
177	49	60	38	30	40	35	36	33	27	46	44	54
178	73	79	44	54	90	80	74	69	76	62	63	81
179	69	65	49	48	55	52	45	54	58	51		47
180	44	70	64	40	29	29	19	26	26	19	37	
181	65	46	37	40	35	39	42	41	27	40	60	71
182	55	46	41	57	58	64	34	42	42	48	49	30
183	64	45	38	V	49	46	33	27	V	31	36	37
184	49	57	20	48	44	44	30	46	35	43	45	59
185	40	33	45	52	41	29	33	38	31	37	35	33
186	32	38	51	40	38	30	32	43	33	36	36	22
187	46	54	44	52	44	40	41	48	40	50	46	41
188	34	45	45	48	46	37	30	30	30	29	41	32
189	32	50	56	38	28	31	30	42	28	25	31	46
190	52	50	49	62	39	45	41	52	31	33	39	54
191	57	59	58	64	54	51	V	37	31	32	52	37
192	68	71	72	54	47	V	51	46	V	57	68	
193	42	42	41	36	29	36	16	36	30		27	37
194	59	91	85	91	67	65	74	52	V	58	87	88
195	36	46	47	61	36	31	39	32	35	35	64	30
196	V	V	V	V	V	V	V	V	V			
197	56	33	44	29	41	16	29	26	38	25	45	43
198	44	42	33	21	20	29	28	43	29	14	49	21
199	31	42	27	24	9	41	48	63	55	23	23	12
200	29	23	12	17	13	14	33	42	10	13	17	24

SILVER TARNISHING 1969

Reflectance, % loss

Sta.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
201	25	16	15	23	34	19	23	51	46	25	32	41
202	38	39	33	24	26	33	33	44	40	14	36	63
203	43	30	40	19	19	30	35	29	33	24	36	27
204	16	28	20	26	36	21	35	40	32	28	36	14
205	16	V	32	23	40	39	34	52	30	51	27	35
206	40	V	34	30	33	51	68	30	26	30	31	26
207	26	17	14	22	V	31	69	28	24	16	16	26
208	77	82	80	80	86	88	82	86	93		90	68
209	53	38	30	49	49	50	45	46	40	54	63	38
210	38	33	31	33	33	37	31	30	35	26	30	22
211	V	28	27	24	40	40	36	20	18		33	22
212	29	38	V	37	38	54	41	75	48	62	94	52
213	69	44	77	44	56	78	54	83	60	83	73	63
214	V	90	V	89	86	86	V	V	V	78	78	
215	71	57	65	64	63	75	81	80	67	81	83	61
216	78	79	89	83	92	V	90	90	94	86	93	81
217	37	30	46	39	46	64	38	48	47	60	48	51
218	81	69	86	86	85	88	90	83	88	88	72	60
219	65	66	75	64	75	66	63	56	V	69	79	57
220	75	72	79	88	83	85	87	91	83	84	82	85
221	72	80	84	76	67	77	70	87	67	74	69	63
222	41	70	70	56	41	45	32	35	30	45	51	58
223	65	49	83	83	72	63	59	46	33	44	44	41
224	60	50	49	34	57	50	53	31	30	27	51	41
225	51	43	53	52	23	38	0	32	22	40	37	37
226	53	V	24	27	27	30	23	32	19	35	29	35
227	43	V	16	49	47	30	28	35	35	20		29
228	40	V	V	V	27	32	V	40	30	37	37	V
229	65	82	63	80	59	61	58	63	57	57	61	68
230	67	63	59	64	58	48	44	52	43	47	48	58
231	72	89	83	88	70	84	93	83	74	84	93	92
232	92	86	90	90	88	95	96	93	88	87	96	89
233	73	74	77	57	65	76	85	87	69	78	64	59
234	V	68	73	86	V	V	88	78	V			
235	76	47	V	V	V	V	V	V	V	58	71	
236	63	31	38	16	35	44	32	60	V	79		
237	27	40	41	25	35	35	26	35	V	31	35	23
238	22	37	43	29	33	24	34	30	V		52	19
239	41	38	54	44	47	46	48	57	56	57	32	53
240	49	43	61	72	66	57	62	V	58	63	74	72
241	27	41	28	V	21	43	27	24	40	28	34	52
242	86	20	46	46	44	V	V	45	33	15	21	10
243	60	68	44	62	49	54	51	51	44	49	26	55
244	V	16	6	7	4	10	7	6	6	5	14	0
245	15	V	V	V	V	V	V	V	V			
246	V	20	12	2	10	14	11	6	7		10	10
247	5	9	13	11	9	13	11	16	8	23	15	15
248	18	33	31	15	60	14	22	V	6	25	33	29
249	33	41	37	29	23	20	29	54	36	24	57	33
250	28	20	V	V	12	22	V	V	V		28	

SILVER TARNISHING 1969

Reflectance, % loss

Sta.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
251	81	69	95	71	80	78	83	86	89	94	76	86
252	4	11	16	17	20	27	54	36	19	11	5	11
253	88	77	83	82	83	92	87	76	77	76	76	75
254	13	11	15	15	16	18	15	12	17	15	8	24
255	61	V	71	53	77	71	80	72	68	64	60	72
256	46	V	63	70	60	46	38	45	23	28	36	33
257	13	V	14	16	16	19	25	24	11	9	25	17
258	61	66	70	48	33	43	41	43	28	63	70	66
259	V	78	33	26	V	55	35	34	V	37	37	66
260	V	V	V	V	V	V	30	29	22	31	44	52
261	22	13	30	52	43	78	90	89	77	37	22	12
262	4	5	7	4	6	V	V	8	V	6	4	2
263	33	63	V	V	32	V	V	29	32	37	35	49
264	57	65	66	86	84	81	73	80	80	59	60	46
265	70	81	70	77	61	57	V	67	52	80	65	53
266	96	94	94	93	86	84	66	63	84	88	67	93
267	V	V	V	V	V	V	V	V	V			
268	25	9	21	24	33	27	43	73	60	26	14	14
269	32	53	50	50	40	43	42	V	29	61		
270	55	V	78	54	V	52	68	71	V	71	78	48
271	V	V	V	V	V	33	V	40	V	34	35	36
272	V	V	V	V	V	49	38	27	41		64	57
273	V	V	V	V	V	89	82	88	80	83	88	57
274							14	V	14	15	9	85
275							V	V	V			
276							V	V	V			
277												
278												
279												
280												
281												
282												
283												
284												
285												
286												
287												
288												
289												
290												
291												
292												
293												
294												
295												
296												
297												
298												
299												
300												

LEAD PEROXIDE PETRI DISH 1969

$\mu g\ SO_2/cm^2/day^*$

Station #		Jan.	Feb.	March	April	May	June		
1			4	3	4	4	0		
2		15	16	15	13	10	10		
3		10	13	9	9	7	5		
4		18		15	12	8	7		
5		27		14	19	11	11		
6		5	8	4	4	3	3		
7		9	6	8	4	4	0		
8		16	16			11	8		
9		9	14	8		7	6		
10		VOID		10	12	11	6		
11		41	18	13	13		8		
12		50	13	16		13	11		
13		19	13	17	19				
14		9	11	10	9	6	4		
15			7	10	12	8	4		
16		6	12	9	9	3			
17		21		12	16	14	9		
18		11	8	8		10	6		
19				15	10	7	4		
20		6		VOID	12	9	6		
21		8	9		7	5	0		
22		9	12	11	13	6	8		
23		10	12	8	9	9	5		
24		35		VOID	22	35	33		
25		8	6			2	0		
26		48		27	13		7		
27		0	2	3	4	3			
28		10	8		10	10	6		
29		0	3	2	3	0	0		
30		14	1	15	11	7	5		
31		4	4	3	3	3	0		
32		3	5	4	4	0	0		
33			4	3	2	0			
34		11	11	9	10	9	7		
35		7	14	10	11	21	5		
36		8	8	8	10	14	9		
37					5	2	0		
38		11	17	11	12	7	5		
39		10	7	12	8	12	7		
40		6		8	6	0	6		
41		8	4	4	7	1	0		
42		4	8	5	8	2	0		
43		9	11	9	16	4	0		
44		14	12	15	4	0			
45		17	18		5	18	14		
46		12	16	15	9	7	VOID		
47		VOID	4	3	2		0		
48		4	5	5	4	0			
49		4	4	4	4	0	0		
50		5	6	7	5	0	0		

* = Sulfation expressed as $\mu g\ SO_2/cm^2/day$

LEAD PEROXIDE PETRI DISH 1969

µg $SO_2/cm^2/day$

Station #		July	August	Sept.	Oct.	Nov.	Dec.		
1		1		1	3	2	5		
2		10	9	14		15	21		
3		3	6	4	6	9	12		
4		0	9	7	13	12	28		
5		11	12	14		14	21		
6		0	5	3	4	4	9		
7		0	3	2	4	10	9		
8		7		6	11	12	18		
9		4	6	6	8	9	12		
10		0	8	8	14	13	2		
11		0	11	11	11	15	31		
12		6	11	8	13	13	16		
13		12	15	12	15	13	15		
14			5	2	1	10	14		
15		5	6	0	12	14	11		
16		6	5	8			16		
17		14	14	14		14	36		
18		3	4	5		10	12		
19		0	7	5	8	10	14		
20		1	7	8	8	9	11		
21		0	4	3	6	7	10		
22		10	6	7	10	9	12		
23		0	5	5	7	8	11		
24		29	36	34	34	35	15		
25		0		2	6	5	8		
26		0	10	8	20	18	14		
27		0	3		4	3	5		
28		9	10	9	11		18		
29		0	0	0	2	1	1		
30		3	5	5	11	12	8		
31			3	1	4	4	5		
32		0	2	1	2	4	4		
33		0	0	0	3	3			
34		6	9	7	12	15	13		
35		10		8	10	12	VOID		
36		7	6	5	12	9	12		
37		0	3	3	5	5	8		
38		5	8	8	11	13	11		
39		5	6	7	12	10	12		
40		7	5	3	8	11	5		
41		0	3	2	4	4	7		
42		1	3	3	4	6	7		
43		1	4	2	7	9	6		
44		5	4	3	6	10	12		
45		15	16	21	19	25	13		
46		5	6	6	10	13	11		
47		1	4	4	5	4	6		
48		1	4		5	4	6		
49		1	1	2	3	4	5		
50		0	2	1	5	5	5		

LEAD PEROXIDE PETRI DISH 1969

$\mu g\ SO_2/cm^2/day$

Station #		Jan.	Feb.	March	April	May	June		
51		11	7	5	6	4	VOID		
52		41	47	46	14	41	34		
53		13	20	15	17	26	17		
54		25		VOID	VOID		4		
55		13	13						
56		4	7	5	5	1			
57		8	7	4	4	3	0		
58		15	12	5	4		0		
59		7	7	4	4	4	0		
60		13	10	9	8	12	7		
61		7	12	11	16	13	11		
62		5	13	12	13	9			
63		4		8	5	6	3		
64		0	6	VOID	6	6	5		
65		4	7		5	6	0		
66		7	5	VOID	8	8	5		
67		0	5	VOID	5	4	0		
68		4	5		7	5	5		
69			3	1	2	0	9		
70		6	5	6	5	5	0		
71			0	VOID	1	0	0		
72		4		3	3	1	0		
73		0	3	1	3	0	0		
74		0	1						
75		0	0	1	2	0	0		
76		0	0	3	3	3	0		
77		0	0	4	0	7	0		
78		0	0	1	1	0	0		
79		0	0	3	2	1	0		
80		0	0	3	3	4	0		
81		0	0	4	0	5	0		
82		0	0	6	1	1	0		
83		0	0	0	0	0	0		
84		0	0	6	3	0	0		
85		0	0	4	2	0	0		
86		0	0	5	3	1	0		
87		0	0	4	2	1	0		
88		0	0	5	3	1	0		
89		0	0	6	2	1	0		
90		0	0	5	3	1	0		
91		0	0	5	2	1	0		
92		0	0	4	2	1	0		
93		0	0	4	2	1	0		
94		0	0	4	2	1	0		
95		0	0	4	2	1	0		
96		0	0	4	2	1	0		
97		0	0	4	2	1	0		
98		0	0	4	2	1	0		
99		0	0	4	2	1	0		
100		0	0	4	2	1	0		

LEAD PEROXIDE PETRI DISH 1969

$\mu g\ SO_2/cm^2/day$

Station #		July	August	Sept.	Oct.	Nov.	Dec.		
51		0	5	3	6	7	8		
52		32	30	35	34	36	33		
53		21	8	10	10	13	VOID		
54		2				10			
55		5	7	7	8		13		
56		0	0	0	3	4	6		
57				1	3	5	3		
58		1		0	7				
59		1	0	1			5		
60				5	9	9	11		
61		14	13	13	11	10			
62		5	7						
63		1	4	2		5	7		
64		0	6		9	6			
65		1	5	3	4	4	5		
66		0	5	3	7	7	8		
67		1	3	1	5	4	7		
68		8	7	3	5	3	8		
69			0	0	0	1	2		
70		1	3	1	5	9			
71					2		3		
72		0	1	0	4	4	4		
73		1	0	0	0	1	2		
74		0	2						
75		0	0				2		
76		1	0	0	0	4	2		
77		0	2	1	3	2	3		
78		0	6	4	8	10	11		
79		0	0	0	1	4	3		
80		1	2	0	5		4		
81		0	2	0	3				
82		1	4	2	6	6	6		
83		3		1		3	3		
84			3	1	3	3	6		
85		0	2	1	5	6	5		
86		0	2	0	2	2	4		
87		0	2	1	2	2	5		
88			1	0	1	1	5		
89		0		0			2		
90		0	0	0	0	1	1		
91			0		0	3			
92		0	0	0	1	2			
93		0	2	0	0	2	1		
94		0	0	7	1	1	2		
95		0	4	1	3	4	4		
96		1	0	0	3	1	2		
97		3	0	0	1	0	0		
98		0	1	5	1	2			
99		0	0		1	3	0		
100									

LEAD PEROXIDE PETRI DISH 1969

$\mu g\ SO_2/cm^2/day$

Station #		Jan.	Feb.	March	April	May	June		
101		3	0		2	1			
102		4	5	13	8	10	5		
103		9	24		10	26	23		
104		0	4	2	2		0		
105		7	10	8	1	10	0		
106		4	6		4	0			
107		0	4		0	0	0		
108		0	3	2	2	0	0		
109		0	3	2	2	0	0		
110		0	2	2	2	1	5		
111		6	12		6	6	1		
112		9		VOID	5	0	0		
113		7	12	3	6	6	2		
114		5		6	4	0	0		
115			0	1	0	1	0		
116		0	0	1	1	0	0		
117		0	3	1	2	0	0		
118		0	0	2	0	1	0		
119			0	0	0	0	0		
120		0	1	1	2	0	0		
121		0	VOID	2	6	0	0		
122		0	4	2	8	0	0		
123		0	1	2	1	0	0		
124		0	3	1	2	1	0		
125		0	3	1	3	1	0		
126		0	1	1	2	0	0		
127		0	1	1	1	0	0		
128		0		1	2	0	0		
129		0	3	1	3	0	0		
130		0	1	1	2	1	0		
131		0	4	2	4	0	0		
132		4	8	4	1	4	0		
133		0	3	2	1	1	0		
134		7	0	2	1	1	0		
135		0	1	2	3	0	0		
136		VOID							
137		16	21	12	5	12	6		
138			16	15					
139		6	6	4					
140			4	3	7	0			
141		3	5	2	2	0	0		
142		0	3	2	2	0	VOID		
143		0	3	2	3	0	0		
144		0	7	8	2	0			
145		1	7	3		3	0		
146		3	4	3	4	0	0		
147		0	4	3	0	0	0		
148		4		6	9	0	0		
149		1	14	19	0	9	3		
150		14	12	14	8	6	3		

LEAD PEROXIDE PETRI DISH 1969

µg $SO_2/cm^2/day$

Station #	July	August	Sept.	Oct.	Nov.	Dec.
101	0	0	1	2	3	5
102	0	7	15	5	5	7
103	14	32	2	35	11	4
104	0	3	0	0	4	1
105	8	5		4	7	
106	1	2	0	4	4	5
107	0	0	0	1	3	2
108	1	1	0	0		2
109	1	0	0	0	1	2
110		0	0	0	2	1
111	1	4	26	5	8	11
112		4	4	7	9	14
113	3	4	0		7	14
114	1	1	0	3	5	8
115	1	1		0	0	
116					0	1
117	1	0	1	1	0	1
118	1		1	1	0	0
119	1	0	1	0	1	2
120	1	0	0	0	1	2
121	0	0	3	5	3	5
122	1	3	4	4	4	6
123	2	0	1	1	1	1
124	1	0	0	2	2	1
125	1	0	1	0	0	1
126	1	0	0	0	0	2
127	1	0	0	1	1	1
128		0	2	0		0
129	0	1	2	1	1	1
130	0	0		2	1	
131	0	1	1	0	3	5
132	1	0	1	2	2	3
133	0	1	0	0	5	3
134	1	1	6	13		1
135	1	0	0	2	17	21
136		0	7	17	12	16
137	5	7	8	12	4	15
138		8	4		5	8
139	3	4	3	3		5
140	1	2	1		4	5
141		1	2	2	0	0
142	1	0	3	0	0	3
143	1	0	1	4	5	7
144	1	3	5	6	2	3
145	1	2	1	4	2	4
146	1			5	4	7
147	0	3	0	4	5	14
148	1	1	4	5	12	
149	3	7	3	12	8	
150	2	3		8		

LEAD PEROXIDE PETRI DISH 1969

$\mu g\ SO_2/cm^2/day$

Station #		Jan.	Feb.	March	April	May	June		
151		4	9		7	6	4		
152			8	10	9	7	0		
153		6	9	10	7	5	0		
154		5	7	8	7	5	1		
155		4	9	7	5	4	0		
156			VOID	3	2	1	0		
157		0	4	3	3	0	0		
158		4	5	5	3		0		
159			5	4					
160		3	4	7	4	1	0		
161		17	16	17	13	10	0		
162									
163		8	6	5	5		0		
164									
165				8	13	8	VOID		
166		6	8	8	13	10	8		
167		5	8	10	13	5	2		
168		7	6	7	9	8	4		
169		6	5						
170				5	3	6	0		
171		7	5	2	1	0	0		
172		1	4	2	3		0		
173		4		2	1	7	0		
174		25		2	2		0		
175		1	4	2	VOID	1	0		
176			2	5	10	6	0		
177		8	18	2	5	5	0		
178			5	2	3	4	0		
179		4	3	2	3	4	0		
180		4	5	3	4	0	0		
181		9	11	5		12	8		
182		9	15		9	6	3		
183		13	13	6	11	8	3		
184		31	16	3			0		
185		5		1	5	3	0		
186		5	6	6	11	9	5		
187		3	11	4	6	4	0		
188		12		6	3	0	0		
189		0	6		10	6	2		
190		5	10	VOID	11	10			
191		38	18	14	17				
192		15	31	1	14	33	14		
193		16	14		4	4			
194		0	VOID	1	3	0	0		
195		1	4						
196				1	0	0	0		
197		5	4	2	3	2	0		
198		4	5	1	2	2	0		
199		7	4	7	3	1	0		
200		1	3						

LEAD PEROXIDE PETRI DISH 1969

µg $SO_2/cm^2/day$

Station #		July	August	Sept.	Oct.	Nov.	Dec.		
151		1	4	2	6	7			
152		3	5	3	8	8	8		
153		1	5	6	9	8	9		
154		2	4	2	4	4	7		
155			3	3	5	5	9		
156		1			4	2	4		
157		1	1	3	3	2	4		
158		1	2	1	5	5	5		
159						7	7		
160		1	0	1	3	4	7		
161		1	5	4	10	11	13		
162									
163		1	5	1	5	7	7		
164									
165									
166		4	6	6	11	15	9		
167		8	5	5		9	6		
168		6	7	8	12	9	4		
169		2	7	8	12	9	9		
170									
171		1	3	4	5	4			
172		2	1	0	0	1	2		
173		1	3	2	4				
174		1	4		6	8	10		
175		1		2		2	2		
176		2	2	1	3	4	4		
177		1	4	2	7	10	11		
178			3	2	4	4	4		
179		1	3	3	3	4	3		
180		1	2	1	3	4	6		
181		1	4	4	9	12	10		
182		1	6			12	13		
183		1	4	6	9	7	12		
184		1	5	6	8	11	14		
185		1	3	2	5	6	8		
186		0	1	2	4	4	5		
187		1	5	5	9	11	13		
188		1	3	3	4	6	7		
189		0	3	1	4	4	6		
190		1	5	5	8	9	15		
191		1	5	5	9	12	17		
192		10	6	2	17	23	35		
193		14	16		21	13	10		
194					6	4	9		
195		1	1	1	3	3	4		
196									
197		1	1	0	2	2	4		
198		1	0	1	3	2	4		
199		1	0	0	0	2	1		
200		1	1	0	1	0	1		

LEAD PEROXIDE PETRI DISH 1969

$\mu g\ SO_2/cm^2/day$

Station #	Jan.	Feb.	March	April	May	June
201		0		0	0	0
202		6	4		0	0
203	1	4	2	2	0	0
204	1	3	2	2	0	
205	3	3	1	2	0	0
206	0	4	3	1	0	0
207	1	3	2	0	0	0
208	0	3	4	0	0	0
209	4	4		2	0	1
210	0		3		0	0
211	0	4	1	0	0	0
212			5	2	1	0
213	0	3		2	0	0
214		4		3	0	0
215	1	4	7	2	0	0
216	1	4	1	0	0	0
217	2	2	1	2	0	0
218	0	4	1	3	0	0
219	0	4	1	1	3	0
220	7		1	16	12	6
221	6	VOID	3	11		9
222	3	4	2	4	0	0
223	1	8	1	VOID	4	0
224	4	5	1	4	4	0
225	6	5	1	4	0	0
226	5	4	2	4	0	0
227	VOID	5		8		0
228		7		VOID	0	
229	14	12	3	9	8	5
230	9	1	1	8	6	4
231	0	4	1	3	0	0
232	6	5	2	2	2	0
233	0	3	1	VOID	0	0
234		2	1	4		0
235	0	2				
236	0	3	1	0	0	0
237	0	4	1	1	0	0
238	0	3	1	1	0	0
239	0	4	2	3	1	0
240	0	4	VOID	4	0	0
241	4		1		1	0
242	0	0	1			0
243		12	5	16	12	6
244	0	VOID	1	1	0	0
245						
246	0	3	1	VOID	0	0
247	1	3	1	1	0	0
248	2	5	1	2	0	0
249	5	6	2	3	0	0
250	3	5				0

LEAD PEROXIDE PETRI DISH 1969

$\mu g\ SO_2/cm^2/day$

Station #		July	August	Sept.	Oct.	Nov.	Dec.		
201		1	0	0	1		2		
202			0	1	1	2	4		
203		1	0	0	2	3	2		
204		1	0	0	0	0	2		
205		1	2	0	2	2	3		
206		2	2	1		1	1		
207		1	1	0	1	0	1		
208		1	0	0	0	2	0		
209		2	1	0	3	4	5		
210		0	2		0	0	1		
211		1	0	0	0	0			
212		0		0	0	3	2		
213				1	1	1	2		
214			1		0	1	2		
215		0	0	1	1	0	2		
216		1	3	0	2	3	2		
217		1	0	1	1	3	1		
218		0		0	4	4	4		
219		1		10	2	1	2		
220		7	7	2	9	10	14		
221		6	8	9	10	9	12		
222		1	2	1	4	3	6		
223		1	2	0	3	3	6		
224		1	3	2	3	3	5		
225		1	0	3	3	5	5		
226		0	3	1	5	6	8		
227		1	3	2	5	6	7		
228		0	14		3	6	10		
229		8	8	3	8		8		
230		4		4	VOID	9	15		
231		1	2	0	2	3	1		
232		0	2	0	2	9	4		
233		1		1	0	0	1		
234		VOID	2		1				
235					1	0			
236		1	2	8	2				
237		1	1	1	1	1	4		
238		1	12		VOID	2	2		
239		0	3	1		1	4		
240		1	4	3	3	2	4		
241		1		3	3	2	3		
242		2	10	0	1	0	0		
243		5	7	7		17	13		
244			1	0	0	0	1		
245									
246		1	9		1	1	1		
247		1	1	2	1	2	3		
248		1		0	1	2	4		
249		1	2	0	3	4	4		
250			2		1		4		

LEAD PEROXIDE PETRI DISH 1969

$\mu g\ SO_2/cm^2/day$

Station #	Jan.	Feb.	March	April	May	June
251	5	5	3	9	12	13
252	1	3	1	1	0	0
253	8	7	3	7	1	0
254	14	10	8	40	42	13
255	4		2	3	3	0
256	2		1		0	0
257	3		1	2	0	0
258				5	0	1
259		4		3		
260						
261	6	8	9	13	7	13
262	0	4	1	0	1	
263	4	3		7		0
264	5	6	3	12	9	6
265	10	12	7	14	11	0
266	14	15	7	13	9	0
267						
268	0	3	1	2	1	0
269	0	2	0	3	0	
270		0	1	VOID		
271						6
272						6
273						
274						
275						
276						
277						
278						
279						
280						
281						
282						
283						
284						
285						
286						
287						
288						
289						
290						
291						
292						
293						
294						
295						
296						
297						
298						
299						
300						

LEAD PEROXIDE PETRI DISH 1969

$\mu g\ SO_2/cm^2/day$

Station #		July	August	Sept.	Oct.	Nov.	Dec.		
251		10	4	15	12	22	6		
252			3	0	0	1	2		
253		1	4	3	4	8	6		
254		21	30	10	10	11	19		
255		1	7	3	2	4	3		
256		1	0	0	0	2	1		
257		1	1	0	0	1	2		
258			3	2		7	13		
259		1		1	3	8			
260		0	1	1	2	6	6		
261		5	4	2	5	4	8		
262		0	2	0	0	0	1		
263		1	3	3	5	4	5		
264		1	6	4		6	7		
265		8	8	8	10	12	9		
266		4	9	10	9	12	6		
267									
268		1	26	10	1	1	6		
269		0	2	0		1			
270		1	0		0	2	0		
271						2	9		
272		1	3	0	2	4	5		
273		10	9	8	11	12	20		
274		0		0		1			
275									
276									
277									
278									
279									
280									
281									
282									
283									
284									
285									
286									
287									
288									
289									
290									
291									
292									
293									
294									
295									
296									
297									
298									
299									
300									

DUSTFALL 1969

Total in g/m²

Station #		Jan.	Feb.	March	April	May	June		
1		0.6	1.3	1.9	1.4	2.3	1.2		
2		5.5	6.3	5.8	8.9	7.7	4.8		
3		6.7	8.4	11.8	5.9	7.3	4.9		
4		4.0	2.0	2.4	6.1	4.0	4.0		
5		22.9	28.6	31.7	16.5	13.9	21.1		
6		3.8	5.5	6.0	7.4		4.6		
7		11.9	18.3	19.8	17.6	13.1	23.0		
8		19.3	3.0	24.1		11.7	8.0		
9		4.2	4.5	3.7	4.2	3.2	4.1		
10		7.4	9.4	6.8	7.3	5.5	10.4		
11		14.2	15.4	17.7	10.4	9.0	10.1		
12		4.2	2.7	4.8	5.2	4.8	4.5		
13		8.6		9.5	10.8	8.6	10.0		
14		6.7	6.4		4.0	5.0	4.0		
15		13.1	10.0	22.7	23.1	34.6	16.0		
16		5.4	3.9	3.3	4.0	4.1	VOID		
17		8.4	0.9	18.1	13.5	11.4	8.6		
18		5.8	3.1	4.6	9.9	1.2	5.1		
19		3.6	2.8	5.0	4.7	2.1	3.1		
20		1.1	1.6	3.7	0.8	2.3	1.0		
21		3.5	1.9	4.7	6.8	3.8	4.0		
22		3.1	1.1	4.1	4.0	5.3	3.9		
23		3.5	2.6	4.8	6.4	7.2	5.5		
24		4.5	6.3	8.0	9.9	7.2	7.5		
25		3.5	3.3		6.1	3.0	4.8		
26		14.5	23.6	19.3	35.1	21.7	26.6		
27		13.3	12.0	28.1	9.3	12.3	13.3		
28		11.7	16.6	15.1	19.2	16.8	17.6		
29		0.5	0.6	0.2	3.3	2.4	3.9		
30		5.6	2.9	15.4	14.9		0.9		
31		6.4	11.3	10.1	VOID	4.5	7.2		
32		2.0	3.2	3.7		2.9	3.5		
33		3.5	6.9	8.1	4.8	3.3	5.1		
34		6.1	5.4	3.8	8.6	9.5	12.0		
35		9.9	8.6	12.1	20.6		17.9		
36		9.1	5.9	10.6	9.5	10.0	10.6		
37		8.0	5.0	4.8	4.8	7.1	5.4		
38		18.8	30.4	13.4	26.1	21.7	15.4		
39		10.3	11.4	10.0	12.4	11.5	10.1		
40		8.7	12.4	16.7	11.0	13.6	8.4		
41		1.3	1.8	2.8	2.3	3.2	3.6		
42		4.1	5.2	6.1	6.0	4.2	3.5		
43		6.0	4.7	6.2	3.0	7.0	7.8		
44		5.1	4.0	5.8	5.9		8.4		
45		4.6	6.6	14.0	8.1	11.7	10.5		
46		2.4	5.5	11.0	8.1	9.6	14.1		
47		2.0	6.8	7.9	12.4	7.8	10.2		
48		1.4	4.3	8.7	7.4	5.7	5.6		
49		4.1	2.0	6.2	7.1	8.0	5.1		
50		1.8	1.9	2.0	8.0	6.1	2.1		

DUSTFALL 1969

Total in g/m²

Station #	July	August	Sept.	Oct.	Nov.	Dec.
1	1.7	3.2	VOID	1.9	1.7	1.3
2	9.6	2.0	5.7	5.6	2.8	3.3
3	8.3	3.8	4.8	4.9	3.8	6.8
4	5.7	7.8	2.8	11.8	2.2	3.9
5	16.3	10.9	9.9	13.4	5.9	27.2
6	4.4	5.1	4.1	3.9	3.8	7.9
7	21.3	19.0	17.5	19.2	6.7	13.6
8	10.3		2.3	7.9	15.4	16.7
9	7.1	6.3	5.9	5.7	2.6	4.6
10	8.7	3.0	3.8	4.3	4.7	4.1
11	9.7	4.8	5.2	8.6	10.1	10.2
12	2.0	1.4	3.4	3.3	2.1	4.9
13	8.0			9.5	8.6	7.9
14	4.2	2.9	4.4	3.7		7.0
15	24.2	35.3	34.4	20.6	19.6	
16	5.8	2.1	2.7	2.8	2.7	3.9
17	3.2	6.0	5.4		6.7	VOID
18	2.2	8.1	4.4	1.9	3.3	VOID
19	2.5	2.3	3.0	3.6	2.6	2.4
20	3.7	2.4	2.8	2.0	1.0	VOID
21	5.1	4.1	1.2	2.7	1.7	4.7
22	7.0	3.6	3.3	4.5	3.3	VOID
23	5.1	4.1	4.7	1.1	4.8	3.6
24	7.7	6.8	7.4	7.5	6.3	5.4
25	5.4		3.0	3.1	4.9	
26	21.8	9.9	17.7	31.2	16.0	23.6
27	20.8	9.3	23.0	22.0	16.6	6.9
28	15.8	9.4	15.4	9.8	7.8	8.2
29	1.6	4.0	1.7	11.3	1.7	0.7
30	8.5	6.3	6.7	8.7	10.6	VOID
31	5.1	3.8	3.9	5.5	6.6	7.7
32	3.6	3.3	1.9	2.7	2.5	3.6
33	7.8	6.3	2.7	2.8	3.7	
34	10.5	9.9	8.1	12.6	10.9	3.3
35	17.8	15.4	9.3	10.6	11.3	9.8
36	11.3	7.5	5.4	9.3	8.9	4.2
37	5.1	4.3	2.7	4.1	4.0	4.5
38	18.7	9.6	15.0	14.5	18.6	
39	10.9	7.8	4.9	8.1	1.6	6.3
40	6.5	9.3	5.5	7.3	9.7	5.1
41	2.7	3.0	1.7	2.6	2.2	2.8
42	3.8	3.7	1.5	3.4	5.2	3.5
43	5.8	6.5	4.1	5.2	4.7	4.3
44	10.1	4.6	6.0	4.8	4.7	6.5
45	9.9	9.0	11.7	11.0	6.1	6.0
46	6.9	5.8	7.3	6.4	7.2	5.7
47	9.4	5.4	6.9	7.3	4.8	6.4
48	6.6	5.3	5.4	5.9	4.3	2.7
49	5.0	2.6	9.9	6.2	5.4	9.9
50	3.6	4.1	3.3	5.8	4.7	2.9

DUSTFALL 1969

Total in g/m^2

Station #		Jan.	Feb.	March	April	May	June		
51		2.9	2.9	5.3	8.9	6.2	7.8		
52		9.9	15.4	14.2	17.0	24.4	21.4		
53		7.5	10.6	10.2	10.6	13.9	14.3		
54		7.3	3.3	4.2	5.7	5.1	5.3		
55		5.7	6.4						
56		2.3	1.8	4.6	4.3	4.2	3.7		
57		3.3	4.9	4.5	7.4	6.3	8.0		
58		4.3	5.2	8.7	10.2	11.5	3.5		
59		7.0	5.9	10.7	11.5	11.1			
60		VOID	9.4	7.8	8.8	8.8	6.4		
61		10.7	22.0	13.6	24.0	23.6	15.6		
62		15.5	14.0	12.3	20.2	18.8	18.1		
63		6.7	7.1	6.3	9.3	6.0	6.9		
64		4.9	5.1	6.8	7.4	8.2	5.6		
65		8.0	7.2	6.5	7.3		5.5		
66		25.4	5.0	11.1	11.9	25.5	17.0		
67		5.5	5.3	5.7	6.0	7.0	5.0		
68		4.5	4.8	8.8	3.6	4.8	6.3		
69		VOID	1.6	2.8	2.2	2.4	0.4		
70		9.5	7.8	9.0	7.5	7.0	7.1		
71			VOID	8.0	6.2	4.6	VOID		
72		1.5	2.2	7.0	6.2	4.5	2.6		
73		1.5	1.6	26.2	10.4	4.8	3.0		
74		5.0	8.9		24.1				
75		7.3	14.8		12.4		VOID		
76		4.2	6.5	7.2	8.2	4.5	4.3		
77		1.4	2.8	4.1	3.4	3.3	2.5		
78		1.4	2.5	1.0			1.4		
79		1.6	2.5	3.2	2.5	1.8	1.5		
80		4.4	0.8	5.4	4.7	4.9	5.1		
81		2.6	3.0	3.2	2.1	1.9	2.2		
82		3.8	12.7	4.9	33.5	39.3	5.7		
83		3.7	VOID	3.8	1.2	1.9	2.0		
84		3.2	2.0	4.4	3.0	3.4	1.8		
85		3.5	5.2	6.5	6.7	4.6	6.4		
86		3.1	3.7	7.2	7.3	4.4	5.0		
87		4.3	5.0	5.6	7.7	6.2	8.7		
88		1.8	1.3	2.7	4.3	2.7	16.3		
89		2.6	1.6	0.6	1.3	2.0	1.1		
90		1.2	0.9	0.6	0.7	1.1	1.2		
91		1.4	1.3	1.6	1.2	2.2	1.2		
92		9.5	2.9	1.3	2.0	2.5	2.2		
93		12.2	6.3	3.3	3.1	5.6	5.5		
94		1.9	1.9	2.2	3.1	2.1	1.7		
95		3.1	2.8	3.8	3.7	3.6	3.7		
96		0.2	0.3	1.5	1.3	2.5			
97		1.3	1.3	1.2	1.2		VOID		
98		1.2	0.9	2.7	0.9	1.5			
99		2.8	2.0	1.9	2.2	2.9	7.3		
100									

DUSTFALL 1969

Total in g/m²

Station #	July	August	Sept.	Oct.	Nov.	Dec.
51	3.2	4.5	3.4	10.4	4.5	3.7
52	22.2	10.1	9.1	12.5	9.9	8.7
53	11.8	9.2	7.4	6.4	2.3	7.4
54	3.3			7.4	3.1	3.7
55	10.4	4.4	8.3	21.6		10.1
56	2.4	2.0	1.4	8.4	1.7	1.4
57		9.7	4.2	5.9	4.0	4.6
58	12.5	2.9	VOID	4.5		
59	12.6	3.0	6.2	7.9	5.3	5.8
60			6.2	2.7	5.9	7.4
61	22.5	34.4	21.7	19.3	13.7	11.6
62	16.4	13.0				
63	6.1	7.1	5.1	5.7	6.9	7.6
64	5.9	6.9		11.0	5.7	
65	5.1	4.5	5.7	4.7	5.7	
66	18.2	2.8	12.4	17.0	18.0	10.8
67	4.7	7.9	7.0	5.9	5.3	4.8
68	5.3	10.4	4.3	16.3	3.0	8.4
69	1.2	1.3	1.7	3.3	VOID	0.7
70	6.8	7.5	4.9	7.5	10.6	
71	3.5	3.0		2.6		9.3
72	1.8	2.8	4.9	2.7	0.9	3.2
73	2.5	6.2	3.6	2.4	1.3	1.7
74	VOID	3.3				
75	VOID	4.7			1.6	VOID
76	2.4	2.1	2.7	4.6	3.2	3.4
77	3.4	2.8	3.3	2.7	3.3	1.7
78	1.4	1.0	2.9	1.2		3.5
79	1.4	0.9	1.1	2.7	1.5	0.8
80	3.1	3.7	1.5	4.5	0.4	2.6
81	1.4	1.2	1.5	2.0	0.6	3.6
82	3.9	2.5	3.0	2.7	2.3	2.3
83			2.6		2.1	VOID
84	2.7	2.2	2.5	2.9	1.4	3.1
85	4.9	5.3	4.7	5.0	5.4	4.9
86	5.0	3.5	4.4	5.8	3.5	6.1
87	7.5	7.9	5.9	6.2	4.0	4.1
88	1.6	2.5	2.6	5.2	1.6	VOID
89	1.1		1.8			0.8
90	1.3	1.4	0.9	0.6	0.6	
91	1.4	3.5	VOID	3.0	1.8	1.2
92	4.0	2.2	2.9	2.8	1.0	1.8
93	6.3	8.0	22.1	5.6	9.6	7.3
94	2.8	2.6	1.9	2.1	1.1	2.0
95	3.6	2.9	2.5	2.7	2.2	2.6
96	3.0	1.8	1.8	0.6	1.5	0.1
97	VOID	1.7	1.1	1.9	0.5	1.8
98	5.4	1.7	3.0	5.3	2.0	
99		10.3	4.3	3.7	1.9	1.7
100						

DUSTFALL 1969

Total in g/m²

Station #		Jan.	Feb.	March	April	May	June		
101		5.7	4.3		2.8	2.7	1.9		
102		4.8	3.6	3.9	2.9	4.5	5.1		
103		1.0	2.2	5.7	1.9	2.7	1.7		
104		1.6	VOID	8.7	1.3	3.1	3.1		
105		2.6	2.9	8.9	1.8	4.8	2.5		
106		2.5	2.5	2.4	3.2	3.3	2.1		
107		2.2	4.5	4.6	4.5	3.4	5.0		
108		2.8	4.9	3.5	3.8	3.2	3.8		
109		2.9	3.0	2.2	3.4	2.2	2.6		
110		5.6	4.6	2.6	3.8	3.7	3.1		
111		2.8	3.9	VOID	5.1	3.7	4.0		
112		3.8	3.2	4.8	4.0	3.2	5.4		
113		3.0	3.7	3.5	2.6	2.5	2.9		
114		2.3	1.7	2.5	2.1	2.2	2.4		
115		1.5	1.8	2.8	4.0	3.4	0.7		
116		6.1	7.0	8.7	26.9	VOID	2.5		
117		5.7	3.4	3.6	3.7	3.3	4.2		
118		2.0	3.1	3.7	2.6	3.2	2.8		
119			2.3	4.8	3.4	2.8	3.1		
120		4.7	2.0	2.2	2.7	1.9	1.5		
121		3.8	3.6	4.8	5.3	4.1	2.1		
122		3.0	8.7	7.5	7.9	4.8	5.1		
123		2.1	3.7	3.8	6.9	4.4	3.3		
124		0.6	4.3	3.9	3.5	2.2	2.3		
125		0.7	1.6	7.1	6.5	5.0	3.6		
126		1.3		2.8	2.8	2.5	2.7		
127		3.8	1.7	8.5	2.2	2.6	4.6		
128		0.8	3.2	2.7	4.2	5.4	2.7		
129		2.0	2.9	2.1	4.4	1.9	2.9		
130		1.0	1.8	2.4	1.3	2.7	3.3		
131		1.0	1.8	3.6	2.7	6.6	4.5		
132		10.8	6.8	11.0	6.7	5.8	4.4		
133		3.3	1.4	3.0	6.2	3.1	2.5		
134		2.4	3.8	4.9	3.3	4.8	3.2		
135		3.7	1.7	2.0	5.2	7.1	1.8		
136			5.3	7.1					
137		7.8	11.0	10.0	12.7	11.9	12.4		
138		3.5	2.7	4.4			VOID		
139		1.7	3.2	3.7					
140		4.6	7.8	6.7	7.0	6.9	VOID		
141		2.9	7.4	5.2	4.8	7.8	5.7		
142		1.2	2.7	3.5	3.5	3.0	2.9		
143		2.7	2.0	3.1	3.7	2.6	1.8		
144		2.0	8.2		0.2	5.2	2.7		
145			5.1	6.9	2.9	5.7	8.7		
146		6.6	4.1	7.3	5.9	7.6	4.5		
147		5.4	6.0	8.5	10.7	7.8	9.2		
148		3.1	2.9	4.7	2.5	3.7	2.8		
149		10.1	24.1	31.3	27.1	6.8	35.0		
150		3.5	4.6	3.9	2.1	3.7	3.3		

DUSTFALL 1969

Total in g/m²

Station #	July	August	Sept.	Oct.	Nov.	Dec.
101	4.7	8.5	5.9	3.2	4.4	4.4
102	11.3	7.9	3.4	3.7	4.4	5.5
103	3.0	2.6	2.9	4.2	1.8	1.7
104	2.5	1.8	2.9	10.9	0.3	3.6
105	9.5	2.6			7.7	1.5
106	2.0	2.3	1.5	1.8	1.9	3.0
107	1.4	4.8	4.3	1.8	1.4	3.3
108	3.4	2.5	1.8	2.0	2.1	1.1
109	3.3	4.2	3.0	1.3	1.8	2.3
110	3.6	2.6	1.5	1.8	1.8	2.1
111	4.6	4.1	2.7	2.9	2.9	2.1
112	3.7	5.4	3.1	2.7	4.0	5.8
113	4.5	3.7	3.1	1.5	1.6	6.1
114	4.1	0.6	1.6	1.4	1.3	2.3
115	2.0	1.5		1.7	2.8	
116				VOID	2.5	10.7
117	2.9	2.6	2.2	2.7	3.9	3.3
118	1.2	1.7	2.5	1.2	1.5	1.8
119	2.0	1.9	4.2	5.6	2.2	2.9
120	1.2	2.8	1.4	1.9	1.8	0.9
121	2.5	3.7	1.9	2.5	2.5	0.8
122	11.6	5.4	2.7	6.6	5.7	6.9
123	4.9	2.8	2.8	2.9	2.4	3.9
124	4.9	3.2	3.1	2.1	1.2	5.5
125	3.9	2.6	4.5	6.4	3.7	6.6
126	1.5	2.7	2.4	2.3	1.5	2.7
127	2.3	2.1	2.0	2.6	2.7	2.6
128	3.7	2.7	3.1	2.3	0.7	3.6
129	3.3	1.6	1.9	2.5	1.6	
130	9.1	0.8		2.8	1.5	
131	2.8	2.5	2.3	2.6	2.6	4.6
132	9.4	5.1	2.6	3.9	3.9	1.2
133	4.4	1.5	2.6	1.9	1.3	2.1
134	0.4	2.8	2.5	10.5	0.7	5.1
135	2.0	3.9	1.7	3.5	3.6	2.1
136		6.5		6.4		4.7
137	9.7	7.3	5.1	4.9	6.3	6.1
138		4.8	3.7		1.7	0.7
139	1.8	5.5	5.1	5.7	5.9	1.1
140	4.8	4.5	4.4	3.4	5.8	6.5
141	4.3	4.3	4.2	3.5	3.8	3.7
142	3.0	1.9	1.5	1.6	1.1	1.7
143	2.5	1.6	2.0	1.7	1.5	5.1
144	2.9	3.3	3.4	3.3	6.9	
145	2.8	4.4	3.3	2.8	3.0	4.7
146	5.1	8.3		5.4		7.3
147	5.9	4.7	5.1	4.5	5.4	4.1
148	4.1	2.2	1.7	2.7	2.5	5.2
149	30.6	15.8	12.7	10.4	15.0	13.0
150	4.8	2.8		2.5	3.3	5.5

DUSTFALL 1969

Total in g/m²

Station #		Jan.	Feb.	March	April	May	June		
151		22.1	14.8	7.7	8.0	6.2	4.4		
152		15.8	7.3	8.5	4.5	6.5	VOID		
153		3.4	7.5	3.8	2.8	4.2	4.0		
154		4.5	5.3	3.9	5.2	4.3	2.1		
155		6.5	4.9	6.9	8.2	7.0	6.4		
156		VOID	7.5	4.8	9.3	24.0			
157		1.9	1.8	3.2	3.4	2.5	2.5		
158		3.1	3.6	4.4	3.0	3.4	1.3		
159			6.1				VOID		
160		7.6	6.0	3.3	4.0	4.4	3.7		
161		4.9	3.2	3.8	3.8	5.1	5.5		
162									
163		3.7	4.0	4.1	5.1	6.9	4.7		
164									
165									
166		4.5	3.6	8.9	15.6	7.8	7.4		
167		2.8	2.8	2.2	10.1	2.8	8.2		
168		3.8	3.0	3.8	7.8	9.0	8.3		
169		2.5	1.2	2.5	4.9	5.2	4.3		
170									
171			1.5	4.2	17.3	20.6	13.6		
172		1.0		1.6	1.1	1.2	1.9		
173		1.9	1.3	0.9	4.3	3.0	2.7		
174				5.3	4.8	3.1	5.9		
175		0.2	0.8	1.0	3.8	1.5	1.1		
176		0.2	1.0	1.6	2.2	2.3	1.9		
177		2.2		1.9	2.4	3.0	2.4		
178		1.7	1.5	3.0	4.1	2.5	2.7		
179		0.5	0.5	1.1	1.6	2.3	3.7		
180		1.4	1.4	3.4	3.9	1.8	2.4		
181		1.0	0.1	1.1	3.0	6.7	4.0		
182		2.4	0.3	3.9	8.5	5.7	7.0		
183		3.1	3.6	4.8	4.8	3.2	3.5		
184		10.7	4.4	8.2	7.0	7.4	6.6		
185		2.0	1.4	2.7	2.3	2.8	1.2		
186		4.9	6.4	5.3	4.3	3.4	2.1		
187		7.2	3.6	2.1	4.3	3.6	4.0		
188		2.2	VOID	4.6	2.9	3.9	3.2		
189		0.9	3.3	2.3	1.5	1.9	1.4		
190		3.7	2.5		5.6	3.0	1.7		
191		9.4	7.6	6.6	6.1	3.9	2.7		
192		4.8	3.7		7.2	5.1			
193		7.5	4.8	5.5	13.9	12.9	9.7		
194		0.6	1.9	2.4	0.8	2.7	2.6		
195		3.6	4.0	3.8	3.7	3.9	3.6		
196									
197		8.7	4.3	2.7	6.5	8.7	6.9		
198		1.1	0.3	3.6	7.3	3.0	5.6		
199		3.0	1.6	10.3	7.9	5.9	7.7		
200		1.5	1.8	10.4	14.4	23.2	14.1		

DUSTFALL 1969

Total in g/m²

Station #	July	August	Sept.	Oct.	Nov.	Dec.
151	5.0	7.3	2.7	6.0	4.8	21.4
152	7.5	7.1	6.3	6.2	5.0	6.8
153	3.7	3.2	2.6	2.9	3.9	5.0
154	4.2	5.0	3.7	3.6	6.2	4.5
155	6.1	5.9	3.9	4.8	5.3	6.6
156		VOID		4.9	6.3	VOID
157	2.3	1.0	1.1	2.3	1.3	2.6
158	3.3	2.4	2.1	2.2	6.4	3.6
159				VOID	5.1	
160	4.3	2.9	2.6	3.6	5.5	5.1
161	2.5	4.7	3.9	5.1	4.3	3.7
162						
163	6.1	3.8	3.2	3.9	2.8	2.8
164						
165						
166	6.6	5.0	5.2	6.5	3.4	2.6
167	9.5	6.0	4.2		7.7	2.8
168	7.1	6.4	4.5	5.0	3.8	1.3
169	4.8	4.9	3.0	[illegible]	8.1	0.9
170						
171	13.0	14.4	10.3	6.6	3.2	2.3
172	3.1	1.5	0.5	0.8	1.2	1.1
173	3.6	2.1	2.0	2.7	2.4	5.4
174	2.2	5.0	1.6	2.5	3.9	7.9
175	5.0	1.2	2.3	0.3	VOID	1.5
176	2.0	1.6	1.3	0.6	2.3	6.5
177	5.3	1.3	1.9	2.0	VOID	VOID
178	3.7	2.6	2.5	1.1	0.8	
179	5.1	4.1	1.1	0.2	0.8	0.7
180	2.8	2.2	1.4	2.2	3.9	2.2
181		2.2	2.4	1.6	1.1	0.8
182	2.3	5.0	4.8	5.4	5.0	
183	3.1	3.0	3.3	0.6	2.2	0.3
184	1.1	4.0	4.7	VOID	6.4	7.3
185	1.6	1.4	0.5	1.4	0.2	2.0
186	2.7	1.6	2.3	2.5		5.6
187	3.3	2.8	4.3	2.7	5.3	
188	2.2	2.9	2.5	1.7	2.1	4.5
189	2.1	1.3	0.4	1.2	2.1	2.0
190	2.6	2.3	1.3	2.5	2.4	3.9
191	2.6	3.7	3.1	3.2	4.6	
192	3.3	15.2		3.9		VOID
193	6.6	8.9	8.9	8.2	VOID	
194	0.5	2.3	2.7	2.5	1.6	1.9
195	5.8	2.4	3.3	3.6	1.6	3.6
196						
197	6.1	5.3	11.5	6.1	4.2	11.4
198	3.8	3.0	3.5	1.5	1.8	1.7
199	3.7	4.6	4.1	2.9	1.4	0.6
200	13.1	4.5	4.1	9.9	1.6	1.9

DUSTFALL 1969
Total in g/m²

Station #		Jan.	Feb.	March	April	May	June		
201		2.2	2.3	14.7	11.7	8.3	5.7		
202		2.9	0.9	1.6	5.9	6.9	6.6		
203		2.9	1.7	10.2	12.5	13.8	6.9		
204		5.0	3.0	16.1	9.1	7.3	VOID		
205		3.3	VOID	9.6	7.7	6.8	VOID		
206		2.1	3.5	3.4	5.0	2.2	1.4		
207		3.5	7.7	4.5	8.7	4.1	5.7		
208		3.9	6.2	9.9	5.9	7.8	7.3		
209		6.3	5.1	4.0	7.5	7.2	6.9		
210		3.7	6.1	6.4	5.1	4.4	6.7		
211		2.3	5.4	2.2	18.6	VOID	7.0		
212		0.7	1.9	2.8	2.2	VOID	1.9		
213		3.7	5.0	7.8	5.4	3.6	3.2		
214			5.7	6.9	5.4	6.6	4.9		
215		1.8	2.6	27.0	6.4	3.1	2.4		
216		9.0	16.9	15.4	13.1	11.2	8.0		
217		6.8	7.5	9.5	8.9	7.3	3.9		
218		3.4	4.4	3.9	5.8	5.0	3.3		
219		1.5	1.8	3.1	1.5	6.4	2.2		
220		29.6	21.5	18.8	2.2	23.5	17.7		
221		5.2	5.7	4.1	5.3	6.3	VOID		
222		3.0	3.4	3.3	3.0	2.6	2.5		
223		3.1	4.1	2.3	7.6	7.8	9.3		
224		2.9	4.0	5.2	6.9	5.1	6.3		
225		3.9	2.7	8.8	1.9	5.9	5.2		
226		1.3	2.0	5.4	3.8	4.5	4.7		
227		25.9	0.5	10.0	20.4	13.1	14.3		
228		3.5	VOID	VOID	VOID	11.1	13.7		
229		1.1	2.4	3.2	3.7	2.7	2.4		
230		1.9	2.4	1.6	0.9	2.6	2.3		
231		1.7	3.7	11.7	VOID	28.7	8.9		
232		2.1	3.5	4.8	4.7	3.7	2.2		
233		1.4	1.9	3.9	4.9	1.7	1.5		
234		9.4	1.1	1.0	5.0		VOID		
235		5.8	4.3				VOID		
236		3.1	3.1	4.8	2.6	5.2	2.3		
237		1.1	1.2	1.8	1.3	3.3	2.3		
238		0.9	3.9	2.8	5.5	3.9	2.4		
239		VOID	VOID	2.8	3.5	2.3	2.0		
240		9.5	5.7	0.9	3.4	4.1	3.4		
241		1.3	VOID	2.8	1.2	2.6	0.8		
242		0.1	0.1	0.5	0.2		0.3		
243		4.4		9.8	10.7	7.7	4.6		
244		0.3	0.2	0.3	2.6	2.0	1.8		
245									
246		0.5	0.3	2.4	4.6	4.8	4.3		
247		4.5	2.4	0.5	1.8	2.6	3.5		
248		3.0	10.6	2.0	10.5	9.0	8.6		
249		0.4	0.2	1.6	3.6	2.5	3.4		
250			0.2		VOID	3.8	4.7		

DUSTFALL 1969

Total in g/m²

Station #		July	August	Sept.	Oct.	Nov.	Dec.		
201		8.4		3.7	10.2	2.2			
202		5.7	4.0	2.6	2.9	2.2	VOID		
203		6.3	6.8	3.9	5.3	3.0	4.4		
204		11.4	8.5	4.6	6.3	5.5	3.7		
205		4.4	4.2	5.7	6.7	2.3	VOID		
206		1.0	1.7	1.4	6.6		1.1		
207		3.5	VOID	3.6	9.0	1.8	3.0		
208		5.8	3.3	4.7	4.5	1.7	2.2		
209		4.5	5.8	2.5	3.8	4.0	5.3		
210		3.1	3.5	3.2	4.1	4.8	3.3		
211		13.2	8.8	2.2	3.9	0.8			
212		2.5	1.4	2.0	2.2	0.9	0.7		
213		2.8	3.6	3.9	3.1	5.0	3.0		
214					0.9	3.7	7.8		
215		3.1	2.6	2.5	2.8	2.2	3.5		
216		7.4	14.4	17.2	15.0	13.8	20.3		
217		4.6	3.5	4.4	4.8	3.0	4.8		
218		1.6	4.1	4.9	5.7	3.9	5.6		
219		4.7		VOID	3.2	2.0	2.1		
220		24.0	29.3	26.7	17.3	20.1	20.9		
221		8.5	7.2	1.6	4.0	3.1	6.9		
222		3.2	2.7	3.2	2.3	2.1	4.5		
223		5.6	2.9	2.3	1.6	2.1	1.1		
224		6.6	3.1	3.7	3.9	2.8	2.6		
225		4.7	3.1	1.7	5.2	3.9	3.2		
226		3.5	2.8	2.1	3.6	2.6	1.7		
227		6.1	5.2	5.9	18.0				
228		5.6	7.4	9.9			22.7		
229		6.2	1.2	1.8	2.0	1.7	3.1		
230		7.8	1.0	1.7	1.7	2.1	0.4		
231		17.7	29.9	16.7	17.2	1.0	4.1		
232		2.6	1.3	2.6	3.0	1.6	VOID		
233		3.4	3.7	7.0	4.0	1.0	1.8		
234		1.1	15.0		1.8				
235				5.2	6.3	4.7			
236		3.1	2.8	2.1	2.2				
237		1.8	2.8	2.6	6.1	1.5	2.2		
238		3.0	15.1	3.4		9.4	9.4		
239		1.9	1.5	1.9	3.6	2.1	2.4		
240		4.4	3.5	3.9	5.0	2.4	3.4		
241		1.9	2.0	2.6	1.6	1.6	5.3		
242		0.6	0.1	0.4	0.2	0.2	0.0		
243		2.6	5.1	3.6		1.5	5.0		
244		2.5	1.4	0.9	0.9	0.2	0.1		
245									
246		2.4	1.6	4.4	3.7	2.1	0.7		
247		4.0	4.3	3.8	0.3	VOID			
248		6.1		VOID	3.1	3.3	4.2		
249		4.2	2.5	2.7		1.3	0.9		
250			VOID		2.0		3.3		

DUSTFALL 1969

Total in g/m²

Station #		Jan.	Feb.	March	April	May	June		
251		19.0	9.5	7.3	19.2	20.7	24.2		
252		1.1	2.6	5.4	2.2	2.7	5.0		
253		0.2	0.5	0.7	2.8	2.7	3.6		
254		2.9	0.9	4.2	4.1	4.7	8.4		
255		16.7		14.7	9.3	16.0	5.6		
256		1.1		2.5	3.1	4.3	1.4		
257		2.6		3.0	1.5	5.1	1.6		
258		2.5	2.8	2.1	2.4	2.2			
259					2.5		2.0		
260									
261		1.0	1.2	1.7	0.9	1.5	0.9		
262		3.5	5.6	1.1	1.7	0.9			
263		5.1			10.4	15.6			
264		2.0	6.3	11.7	13.6	VOID	10.0		
265		4.3	5.1	6.4	12.2	7.8	5.9		
266		11.2	31.1	27.7	20.1	19.3	15.5		
267									
268		5.0	3.6	4.4	2.5	VOID	1.6		
269		3.6	5.3		6.4	4.5			
270			1.3	3.9	5.7		1.8		
271							0.4		
272							2.9		
273							7.1		
274							VOID		
275									
276									
277									
278									
279									
280									
281									
282									
283									
284									
285									
286									
287									
288									
289									
290									
291									
292									
293									
294									
295									
296									
297									
298									
299									
300									

DUSTFALL 1969

Total in g/m²

Station #	July	August	Sept.	Oct.	Nov.	Dec.
251	13.7	14.5	25.1	19.5	0.9	20.9
252	3.5	2.2	2.6	VOID	0.7	0.7
253	1.9	1.2	2.3	1.1	1.4	1.6
254	8.0	3.8	5.2	4.0	7.8	5.0
255	22.0	22.9	28.6	15.2	26.0	13.6
256	1.7	2.6	2.0	1.2	1.7	1.1
257	4.9	3.8	1.0	5.1	0.6	2.8
258	14.6	2.7	1.6	1.8	1.0	6.8
259	3.8		1.7	2.4	2.7	
260	2.7	4.7	2.9	3.0	3.3	4.0
261	VOID	0.7	1.4	1.2	0.6	1.3
262	4.1	1.2	0.8	3.2	0.6	0.5
263	4.8	4.0	8.3	10.3	VOID	2.4
264	8.6	9.6	13.4	13.2		4.7
265	5.3	4.6	6.9	5.1	7.7	4.1
266	17.3		16.6	21.7	24.0	20.7
267						
268	2.9		6.9	4.2	2.4	3.1
269	6.1	3.3	3.1		2.3	
270	3.7	4.3	5.1	3.2	1.4	3.3
271		2.3			0.6	4.7
272	5.3	3.8	3.7	1.2	1.3	2.0
273	12.6	6.4	4.4	4.9	5.6	10.8
274	1.6		1.0	1.4	1.3	0.6
275						
276						
277						
278						
279						
280						
281						
282						
283						
284						
285						
286						
287						
288						
289						
290						
291						
292						
293						
294						
295						
296						
297						
298						
299						
300						

NYLON DETERIORATION 1969

Total # of Defects

Station #	Jan.	Feb.	March	April	May	June
1	0	0	0	0	0	0
2	0	1	1	3	23	20
3	0	1	12	4	0	0
4	2	0	1	0	1	0
5	0	2	0	2	1	0
6	0	0	0	0		0
7	6	14	9	1	1	3
8		3	40		1	0
9	0	1	0	0	0	1
10	0	2	9	1	2	7
11	10	1	12	4	7	0
12	0	1	8	0	0	1
13	5	1	7	0	4	
14	0	0	0	2	1	0
15	0	0	0	0	0	2
16	0	4	1	9	3	4
17	2	0	3	5	1	2
18	2	1	3	22	6	0
19	0	0	0	0	0	0
20	0	0	0	0	2	2
21	0	0	0	0	0	0
22	0	0	0	1	4	0
23	0	0	0	0	2	0
24	0	0	0	0	1	0
25	1			0	0	0
26	0	5	24	1	1	1
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	7	0	5	12	2	0
31		0	0	0	0	0
32	0	0	0	0	0	0
33	0	0	0	1	0	2
34	0	0	0	0	0	0
35	0	0	0	0	0	0
36	0	0	0	0	0	0
37	0	0	0	1	0	0
38	0	0	0	0	0	0
39	0	0	0	1	0	0
40	0	0	0	0	0	0
41	0	0	0	0	0	0
42	0	0	0	0	0	0
43	0	0	0	0	0	0
44	0	0	1	0	10	34
45	0	0	5	0	0	0
46	0	0	0	0	0	
47	0	0	0	0	0	0
48	0	0	0	0	0	0
49	0	0	0	0	0	0
50	0	0	0	0	0	0

NYLON DETERIORATION 1969

Total # of Defects

Station #	July	August	Sept.	Oct.	Nov.	Dec.
1	0	VOID	0	0	0	
2	3	28	120	17	1	2
3	1	2	0	3	2	VOID
4	VOID	VOID	VOID	4	VOID	VOID
5	0	4	1	0	2	27
6	0	2	0	0	0	0
7	3	0	VOID	4	4	2
8			9	16	14	16
9	0	3	2	0	0	0
10	2	0	0	5	0	5
11	0	3	2	0	8	
12	0	0	0	1	0	0
13	2		0	0	1	
14	0	2	0	0	0	0
15	0	0	0	0	0	0
16	0	4	2	0	2	0
17	0	6	4		0	
18	0	0	0	0	0	0
19	0	1	0	0	0	0
20	0	2	0	0	0	VOID
21	0	0	0	0	2	
22	0	0	0	0	0	0
23	0	0	0	0		0
24	0	0	0	2	0	0
25	0		1	0	0	VOID
26	0	0	0	1	4	1
27	0	VOID	0	0		
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0		4
31	0	0	0	0	0	
32	0	0	0	0	0	0
33	0	0	0	0	0	0
34	VOID	0	0	0	0	0
35	1	0	0	0	0	0
36	1	0	0	0	0	0
37	0	0	0	0	0	0
38	1	0	0	0	0	1
39	0		0	0	0	
40	0	0	2	0	0	0
41	0	0	0	0	0	VOID
42	0	0	2	0	0	0
43	0	0	0	0	6	0
44	0	VOID	1	0	0	1
45	5	11	0	2	0	
46	0	0	0	0	0	0
47	0	1	0	0	0	0
48	0	0	0	0	0	0
49	0	0	0	0	0	0
50	0	0	0	0	0	0

NYLON DETERIORATION 1969

Total # of Defects

Station #		Jan.	Feb.	March	April	May	June		
51		0	0	0	0	0	0		
52		0	0	4	0	3	0		
53		0	0	0	0	0	1		
54		VOID	0	0	0	0	0		
55		0	0						
56		0	0	0	0	0	0		
57		0	0	0	0	0	0		
58		0	2	0	0	0	0		
59		0	3	0	2	0	0		
60		0		0	0	0	0		
61		0	0	0	0	0	0		
62		0	8	2	1	3			
63		0	0	0	0	0	0		
64		0	0	0	0	0	0		
65		0	0	0	0	0	0		
66		3	0	0	0	0	0		
67		0	0	0	0	0	0		
68		6	0	0	1	1	4		
69		0	0	0	0	0	0		
70			0	0	0	0	0		
71		0	0	0	0	0	0		
72		0	0	0	0	0			
73		0	0	0	0	0	0		
74		0		0					
75		0	0						
76		0	0	0	0	0	0		
77		0	0	0	0	0	0		
78			0	0	0	0	0		
79			0	1	0	0	0		
80			0	0	0	3	0		
81			0	0	0	0	0		
82			0	0	0	1	0		
83			0	0	0	0	0		
84			0	0	0	0	0		
85			0	0	0	0	0		
86			0	0	0	1	0		
87			0	0	0	2	0		
88			1	0	0	0	0		
89			0	0	0	0	0		
90			0	0	0	0	0		
91			0	0	0	0	0		
92			0	0	0	0	0		
93			0	0	0	0	0		
94			0	0	0	0	0		
95			0	0	0	0	0		
96			25	0	0	0	0		
97			0	5	0	0			
98			0	0	0	0	0		
99									
100									

NYLON DETERIORATION 1969

Total # of Defects

Station #	July	August	Sept.	Oct.	Nov.	Dec.
51	0	0	0	0	0	0
52	0	3	1	0	0	
53	0	0	0	0	0	0
54	0			0	0	0
55	0	0	1	VOID		0
56	10	13	2	1	0	0
57		9		0	0	0
58	0	0	0	0		
59	0		0	0	0	0
60			0	0	0	0
61	0	0	0	0	0	0
62	0	0				
63	0	0	0	0	0	0
64	0	0		2	0	
65	0	0	0	0	0	0
66	5	0	0	0	0	0
67	1	0	0	0	0	0
68	0	8	2	0	0	0
69	0	0	0	0	0	0
70	0	4	0	0	0	0
71	0	0	0			
72	0	0	0	0	0	2
73	0	0	0	0	0	1
74	0	2				
75		0				2
76	0	1	0	0	1	0
77	0	0	0	0	0	0
78		0	0			
79	0	0	3	0	3	1
80	0	0	0	0	0	0
81	0	0	0	1	0	
82	0	0	0	0	0	0
83	0		0	0	0	0
84	0	0	0	0	0	0
85	0	0	0	0	0	0
86	0	1	0	0	0	0
87	0	0	0	0	1	0
88	VOID	0	0	0	0	0
89	0		0			
90	0	2	0	0	0	0
91	0	0	0	0	0	0
92	0	0	0	0	0	0
93	0	0	1	0	0	0
94	0	0	0	0	0	0
95	0	0	0	3	0	0
96	0	0	0	0	0	0
97		0	0	0	0	0
98	0	0	0	0	0	0
99	0	0	0	0	0	0
100						

NYLON DETERIORATION 1969

Total # of Defects

Station #		Jan.	Feb.	March	April	May	June		
101		0	0		0	0			
102		0		0	0	0	0		
103		0	2	0	1	0	0		
104		0	0	0	0	0	0		
105		0	1	1	4	1	0		
106		0	0	1	0	0	0		
107		0	0	0	1	27	4		
108		16	2	1	8	13	1		
109		0	1	11	23	93	2		
110		0	1	0	4	27	4		
111		0	0	0	0	0	0		
112		0	0	0	0	0	0		
113		0	0	0	0	0	0		
114		3	0	23	14	0	0		
115		0	0	1	1	0			
116		0	0	0		0	0		
117		0	0	0	0	0	0		
118		1	0	0	0	0	0		
119			0	0	0	6	0		
120		0	0	0	0	0	1		
121		0	0		0	0	0		
122		0	0	0		0	0		
123		0	0	0	0	0	0		
124		0	0	0	0	0	0		
125		0	0	0	0	0	0		
126		0		0	0	0	0		
127		0	0	0	0	1			
128		0	0	0	0	1	0		
129		0	0	0	0	0	0		
130		0		0		0	0		
131		0	0	VOID	0	2	0		
132		0	0	0	0	0	0		
133		0	0	0	0	0	0		
134		0	0		0	0	0		
135		0	0	0	0	0	0		
136		0	0	0					
137		0	0	1	0	2	0		
138		0	0	0					
139		0	5	0		VOID			
140		0	0	0	0	0	0		
141		0	0	0	0	0	0		
142		0	0	0		0	0		
143		0	0	0	0	0	0		
144		0	0	0	0	0	0		
145		4	3	0	0	0	0		
146		0	0	0	0	0	0		
147			0	0	0	0	0		
148		0	0	0	0	0	0		
149		0		2	0	3	0		
150		0	0	0	0		0		

NYLON DETERIORATION 1969

Total # of Defects

Station #	July	August	Sept.	Oct.	Nov.	Dec.
101	0	3	0	1	0	0
102	0	0	0	0	4	0
103	3	5	4	0	0	0
104	0	0	0	0	1	0
105	1	0		1	0	0
106	0	0		0	0	0
107	1	10	4	10		14
108	1	15	15	20	9	30
109	9	8	14	8	7	13
110	2	2	4	1	7	5
111	0		0	0	0	0
112	0	0	0	0	0	0
113	1	4	1	0	0	0
114	0	0	0	0	0	0
115	0	0		0	VOID	
116					0	0
117	0	0	0	0	0	0
118	0	0	0	0	0	0
119	0	0	0	0	0	0
120	0	2	0	0	0	0
121	0	0	0	0	0	0
122	8	VOID	0	0	1	0
123	1	0	0	0	0	0
124	1	1	0	0	0	0
125	0	10	0	0	0	0
126	0	0	0	2	0	0
127	0	0	0	0	0	0
128	0	0	0	0	0	0
129	0	0	0	0	0	0
130	0	0	0	0	0	0
131	0	0	0	0	0	0
132	0	0	0	0	0	0
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	1	0	0	0	0	0
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	0	0	0	0	0	0
142	0	0	0	0	0	0
143	VOID	0	0	0	0	0
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	0	0	0	0	0	0
150	5	2	0	0	0	0

NYLON DETERIORATION 1969

Total # of Defects

Station #		Jan.	Feb.	March	April	May	June		
151		0	0	0	0	0	0		
152			0	0	0	0	0		
153		0	0	0	0	0	0		
154		0	0	0	0	0	0		
155		0	0	2	0	0	0		
156		0	0	0	0	1	0		
157		0	0	0	0	0	0		
158		0	0	0	0	0	0		
159			0						
160		0	0	0	0	0	0		
161		0	0	0	0	0	0		
162									
163		0	0	0	0	0	0		
164									
165									
166		0	0	0	0	0	0		
167		VOID	0	0	0	0	0		
168		0	0	0	0	0	0		
169		0	0	0	0	0	0		
170									
171		0	3	0	0	0	0		
172		0	0	0	0	0	0		
173		8	0	0	0	12	0		
174		26	12	37	18	VOID	13		
175		0	0	0	0	0	0		
176			0	1	0	0	1		
177			0	0	0	3	0		
178		0	6	2	3	0	0		
179		9	0	0	0	0	2		
180		0	7	4	0	VOID	0		
181		3	1	5	2	3	0		
182		1	4	2	3	0	0		
183		5	0	8	1	0	0		
184		0	0	0	0	0	0		
185		0	0	0	0	0	0		
186		0	1	2	0	0	0		
187		0	0	0	0	0	0		
188		0	0	0	0	0	0		
189		1	0	0	0	0	0		
190		0	0	0	0	0	0		
191		1	0	0	0	0	0		
192		0	0	0	0	0	0		
193		1	0	0	0	0	0		
194		0	0	0	0	0	0		
195		0	0	0	0	0	0		
196		0	0	0	0	0	0		
197		0	0	0	0	0	0		
198		0	0	0	0	0	0		
199		0	0	0	0	0	0		
200		0	0	0	0	0	0		

NYLON DETERIORATION 1969

Total # of Defects

Station #	July	August	Sept.	Oct.	Nov.	Dec.
151	0	0	0	0	0	VOID
152	0	0	0	0	0	0
153	0	2	0	0	0	0
154	0	0	0	0	0	0
155	0	3	0	0	0	0
156				0	0	
157	0	0	0	0	0	0
158	1	0	1	0	0	
159	0			VOID	0	0
160	0	0	0	0	0	0
161	0	1	0	0		0
162						
163	0	0	0	0	0	0
164						
165						
166	0	0	0	0	0	0
167	0	0	0		0	
168	0	0	0	0	0	0
169	0	0	0	1	0	1
170						
171	1	5	1	2	16	
172	0	0	0	0	0	0
173	0	0	0	0	0	0
174	0	0	1	0	13	6
175	VOID	VOID	0	0	0	
176	0	0	0	0	0	
177	0	0	0	0	0	0
178	0	0	0	0	0	0
179	VOID	VOID	0	1	2	3
180	2	2	2	0	0	0
181	0	3	3	0	2	1
182	0	0	1	8	0	16
183	0	0	0	1	3	
184	0	0	0	0	1	
185	0	0	0	0	9	41
186	1	0	1	0	1	0
187	1	0	0	0	7	0
188	6	0	0	0	0	0
189	0	0	1	0	2	0
190	0	2	0	0	0	0
191	1	0	0	0	3	
192	2	1	0	0	2	3
193	0	0	0	0	0	2
194	0	0	0	0	0	0
195	0	0	0	1	0	0
196						
197	0	0	0	0	0	0
198	0	0	0	0	0	0
199	0	0	0	0	0	0
200	4	0	0	0	0	0

NYLON DETERIORATION 1969

Total # of Defects

Station #		Jan.	Feb.	March	April	May	June		
201		0	0	0	0	0	0		
202		0	0	0	0	0	0		
203		0	0	0	0	0	0		
204		0	0	0	0	0	0		
205			0	0	0	0	0		
206		0	0	0	0	0	0		
207		0	0	0	0	0	0		
208		0	0	0	0	0	0		
209		0	0	0	0	0	2		
210			0	0		0	0		
211		0	0	0	0		0		
212		0	0	0	0	0	0		
213		0	0	0	0		0		
214			0		0	0	0		
215		0	0	0	0	0	0		
216		0	0	0	0	0	0		
217		0	0	0	0	0	0		
218		0	0	0	0	0	1		
219		0	0	0	0	0	0		
220		0	0	0	0	0	0		
221		0	0	0	0	0	0		
222		0	0	0	0	0	0		
223			0	0	0	0	0		
224		0	0	0	0	0	1		
225		0	0	0	0	0	0		
226		0	0	0	0	0	0		
227		0	0	0	0	0	0		
228		0	0	0	0	0	0		
229		0	0	0	0	0	0		
230		0	0	0	0	0	0		
231		0	0	0	0	0	0		
232		0	0	0	0	0	0		
233		0	0	0	0	0	0		
234		0	0	0	0	0	0		
235		0	0	0	0	0	0		
236		0	0	0	0	0	0		
237		0	0	0	0	0	0		
238		0	0	0	0	0	0		
239		0	0	0	0	0	0		
240		0	0	0	0	0	0		
241		0	0	0	0	0	0		
242		0	0	0	0	0	0		
243		0	0	0	0	0	0		
244		0	0	0	0	0	0		
245		0	0	0	0	0	0		
246		0	0	0	0	0	0		
247		0	0	0	0	0	0		
248		0	0	0	0	0	0		
249		0	0	0	0	0	0		
250		0	0	0	0	0	0		

NYLON DETERIORATION 1969

Total # of Defects

Station #		July	August	Sept.	Oct.	Nov.	Dec.		
201		0	0	0		0			
202		0	0	0		0			
203		0	0	0	0	0	0		
204		VOID	VOID	0	0	0	0		
205		0	0	0	2	0	5		
206		0	0	0	0	0	0		
207		0	0	0	0	0	0		
208		0	0	1	0	0	0		
209		0		0	2	0	18		
210		0	0	0	0	0	0		
211		0	0	0		0			
212		0	0			0			
213		0	0	0	0	0	0		
214					0	0	0		
215		0	0	0	0	0			
216		0	0	0	0	0	0		
217		0	0	0	0	0	0		
218		0	0	0	0	0	0		
219		0	0	0	0	0	1		
220		1	0	0	0	1	0		
221		0	1	0	0	0	0		
222		0	5	0	0	0	0		
223		0	0	0	0	0	0		
224		0	0	0	0	0	0		
225		5	0	0	0	0	0		
226		0	0	0	0	0	0		
227		0	0	0	0	0	0		
228		0	VOID	0	0	0	0		
229		10	0	9	11	2	0		
230		0	0	0	0	0	0		
231		6	0	0	0	0	0		
232		0	0	0	0	0			
233			0	0	0	0	0		
234			0	0	0	0	0		
235			0	0	0	0	0		
236			0	0	0	0	0		
237		0	0	0	0	0	0		
238		0	8	0	1	0	1		
239		0	0	0	0	0	3		
240		0	0	0	0	0	0		
241		0	0	0	0	0	0		
242		0	0	2	0	2	0		
243		14	9	0	0	0	0		
244		0	0	0	0	0	0		
245									
246		0	0	0	0	0	0		
247		0	0	0	0	0	0		
248		0	0	0	0	0	0		
249									
250					0		VOID		

NYLON DETERIORATION 1969

Total # of Defects

Station #		Jan.	Feb.	March	April	May	June		
251		0	0	0	0	0	0		
252		0	0	0	0	0	0		
253		0	0	0	0	0	0		
254		0	0	0	1	0	0		
255				12	6	12	5		
256		0		0	0	0	0		
257		0		0	0	0	0		
258		VOID	0		0	0	0		
259					0				
260							1		
261		0	0	0	0	0			
262		0	0	0	0	0	0		
263		0		0	0	0	2		
264		0	0	0	0	0	0		
265		0	0	0	0	2	2		
266		0	0	0	0	0			
267							0		
268		0	0	0	0	0	0		
269		0	0		0		0		
270			1	0	0	VOID	0		
271						0	0		
272							VOID		
273									
274									
275									
276									
277									
278									
279									
280									
281									
282									
283									
284									
285									
286									
287									
288									
289									
290									
291									
292									
293									
294									
295									
296									
297									
298									
299									
300									

NYLON DETERIORATION 1969

Total # of Defects

Station #		July	August	Sept.	Oct.	Nov.	Dec.		
251									
252		0	0	0	0	0	0		
253		0	0	0	0	1	0		
254		0	0	0	0	0	0		
255		0	0		0	0			
256		0	8		3	4			
257		0	0	0	0	0	0		
258		0	0	0	0	0			
259		0	0	0	0	0	0		
260		0	0		0	0			
261		0	0	0	0		0		
262		0	0	0	2	0	0		
263			0	0	0	0	0		
264		0	0	0	0	0	0		
265		0	3	0	0	0	0		
266		0	23	2	0	0	1		
267		0	2	0	0	0	VOID		
268		0	1	0	0	0	0		
269		0	0	0					
270		0	0		0	0	0		
271			0						
272		2	VOID	0	0	0	0		
273		2	0	0	3	1	1		
274		0		0	1	0	0		
275									
276									
277									
278									
279									
280									
281									
282									
283									
284									
285									
286									
287									
288									
289									
290									
291									
292									
293									
294									
295									
296									
297									
298									
299									
300									

RUBBER CRACKING 1969

Average Crack Depth in Microns

Station #	Jan.	Feb.	March	April	May	June
1	0	0	0	0	444	134
2	0	0	0	129	184	214
3	0	0	148	0	194	178
4	0	0	0	0	248	262
5	0	0	0	0	121	143
6	0	0	0	87	134	134
7	0	0	0	0	102	0
8	0	0	0		476	223
9	0	0	0	235		255
10	0	0	0	203	0	205
11	0	0	0	107		191
12	0	0	0	180	129	244
13	0	0	0	0	182	0
14	0	0	0	0	328	207
15						241
16	0	0	0	121	210	102
17	0	0	0	134		152
18	0	0	0	0	105	212
19	0	0	248	180		228
20	0	0	266	0		
21	0	0	0	0	118	132
22	143	0	0	0	0	260
23	0	0	0	0		141
24		0	0	0	102	0
25	0	0		333	200	246
26	0	0	0	0		66
27	0	0	0	203		171
28	0	0	0	0	178	107
29	0	0	330	0	449	189
30	0	0	0	0	207	150
31	0	0	0	253		123
32		0	0		198	155
33	0	0	0	346	137	109
34		0	0	0	294	123
35	0	0	0	0	212	369
36	0	0	0	0	216	159
37	0	0	0	148		276
38	0	0	0	0	198	141
39	0	0	0		230	157
40	0	0	0	417		130
41	0	0	0	VOID		169
42	166	0	0	271		166
43	0		0	237	244	132
44	241	0	0	232	107	184
45	0	0	0	203	166	0
46	0	0	0	139	301	118
47	0	0	0	369		153
48	0	0	0	118	141	164
49	0	215	330	0		73
50	0	0		0	401	71

RUBBER CRACKING 1969

Average Crack Depth in Microns

Station #	July	August	Sept.	Oct.	Nov.	Dec.
1		0	69	105	41	113
2	166	87	84	97	75	41
3	143	77	55		0	62
4	157	0	97	125	0	
5	112	79	196	43	0	0
6	71	112	77	89	0	0
7	55	48	48	0	0	0
8	125			62	0	103
9	141	146	102	36	0	0
10	164	73	57	51	0	41
11	146	87	66	52	0	82
12	132		63	51		0
13	107	96	71	66	0	103
14	146	71	107	57	41	0
15	159	107	260	0	61	301
16		75	75	64	51	0
17	317	93	412		0	
18	178	71	182		0	0
19	203	75	68	133	0	0
20	169	159	125	103	44	41
21	155	276	68	84	0	123
22	214	93	134	0	0	48
23	173	262	157	128	41	0
24	339	196	141	0	0	62
25	0	173	41	102	0	0
26	55	66	35	0	61	0
27	164	0	91	0	0	0
28	55	82	196	132	0	0
29	162	80	121		0	0
30	214	82	57	56	0	41
31	68	216	95	173	51	0
32	84		66	244	0	0
33	61	139	125	100	80	
34	0	139	111	0	31	0
35	64	209	81	59		62
36	262	150	64	77	0	103
37	89	121	276	189	0	0
38	128	130	100	84	30	0
39	64	130	71	68		0
40	260	87	424	141	74	0
41	66	155	105	134	41	0
42	93	118	114	159	225	0
43	61	132	169	192	41	62
44	80	141	153	132	41	0
45	41	52	93	73	41	0
46	61	82	73	232	48	0
47	121	134	148	50	0	0
48	64	112		66	48	0
49	0	221	75	31	0	62
50	0	89	48	123	41	141

RUBBER CRACKING 1969

Average Crack Depth in Microns

Station #	Jan.	Feb.	March	April	May	June
51	0	0	330	0		50
52	0	0	0	0	624	191
53	0	0	0	93		164
54	0			0	244	68
55	0	0				
56		0	271	0		116
57	0	0	VOID	0		82
58	0	0		629	153	490
59	0	0	0	506	162	278
60	0	0	0	194		273
61		0	0	102	157	117
62		0	0	134	178	175
63	0	0	0	112	171	84
64	0		597			317
65	157	0	137	146	173	123
66	0		VOID	214	180	86
67	0	0	0	130	253	128
68	0	269	202	141	0	96
69	0	0	0	0	157	111
70	0		0	71	200	91
71						
72	0	0	0	0	0	276
73	0	264	0	0	134	134
74						
75						
76	0	0	0	248		162
77	0	310	0	189	0	257
78	0	0				335
79	0	0	0	0	107	80
80	0	0	0	0	132	94
81	0			0	184	180
82	0	0	0	0	91	146
83	0	0	0		191	141
84	0	0	0	241	171	118
85	0	0	0	VOID	346	670
86	0	0	0	196		128
87		0	0		294	98
88	0	0	0	212	371	0
89	113	0	287	510	506	164
90	417	0	565	344	473	228
91	0	0	0	246	362	271
92	342	VOID	360	378	410	203
93	162	319	387	296		68
94	HIGH	314	0	348	399	55
95	216	0	0	0	185	41
96	0		VOID		VOID	672
97	228	285	HIGH	0		
98		0	0	631	307	
99	0		0	HIGH		221
100						

RUBBER CRACKING 1969

Average Crack Depth in Microns

Station #	July	August	Sept.	Oct.	Nov.	Dec.
51	98	162	104	64	0	41
52	169	342	112	210	93	103
53	125	162	62	153	62	0
54	203				0	41
55	0					0
56	132	123	68	169	51	154
57	39			116	0	0
58	253	421	120	61		
59	75	187	180	114	0	45
60			173	43	0	0
61	80	72	59	89	0	
62	114	137				
63	93	68	123	96	41	41
64	178	228			0	
65	87	102	75	89	VOID	41
66	130	57	107	0	0	0
67	64	61	59	39	61	0
68	61	84	77	52	210	89
69	111	71	178		41	41
70		107	84	103	191	72
71		415	225	41		0
72	358	178	121	0	45	41
73	137	159	64	0	0	0
74	137	VOID				
75		412			VOID	VOID
76	153	114	100	0	41	0
77		0	96	0	41	89
78	116	289	0	0	0	0
79	187	287	73	62	0	0
80	123	146	150	61	41	62
81	82	73	293	0	41	41
82	0	208	129	48	41	0
83		171	44			62
84	100	292	141	0	0	0
85	93	194	118	70	0	103
86	68	82		146	0	0
87	84	153	128	168	0	92
88	107	116	162	114	0	41
89			169	187		338
90	121	48	77	337	305	267
91	116	96	82	194	187	139
92	180	66	80	75	0	116
93	64	57	50	221	137	239
94	312	262	80	273	383	328
95	98	102	79	139	71	205
96	255	544	572		82	191
97	212	214	75	246	41	154
98	376	153	102	112	61	
99	178	93	161	190	109	0
100						

RUBBER CRACKING 1969

Average Crack Depth in Microns

Station #	Jan.	Feb.	March	April	May	June
101	213	0		383		248
102	120		0	223		246
103	134	331	387	287	328	257
104	93	0	0	212	376	216
105	0			248	234	225
106	0	0	0	214	134	150
107	0	0	0	198	205	130
108	0	0	0	296	223	162
109	0	0	0	194		80
110	0	0	0	214		
111	0	0	0	150		184
112	0	0	0	307		178
113	0	0	0	66	175	146
114	0	0	0	153	266	171
115	0	0	462	114	180	125
116						
117	82	0	352	194		121
118	121	91	198	153	130	123
119			0		114	173
120	109	0		198	182	246
121	166	0	214	118		0
122	157	251	0	289	310	155
123	0	148	376	184		132
124	0	0	298	166		0
125	116	0	0	VOID		164
126	0	269	0	276	246	153
127	0	0	383	239	389	148
128	0	203	0	191	182	150
129	0	159	0	430	310	225
130	362	198		342		
131	0	100	0	153	353	87
132	0	0	0	175	239	114
133	0	0	460	262	260	89
134	VOID	184	0	182		89
135	100	162	210	61		62
136		0	0			
137	0		0	100	339	166
138	0	0	0			
139	0	0	0			
140	0	0	0	143	137	98
141	0	0	0	276	184	77
142	0	137	0	159	125	73
143	155		0	346		182
144	0	0	0	351		503
145	0	0	0	271	205	166
146	0	0	307		255	
147	0	0	0	276	223	125
148	0	0	285	344		
149	0	0	0	358	396	82
150	0	0	0	21		118

RUBBER CRACKING 1969

Average Crack Depth in Microns

Station #	July	August	Sept.	Oct.	Nov.	Dec.
101	157	66	75	221	0	75
102	137	66	64	157	0	82
103	141	98	196	257	0	103
104			93	178	41	62
105	114	105	52			0
106	98	98	170	257	61	0
107	55	59	91	114	46	0
108	75	89	116		0	0
109	39	59	75	91	0	0
110	52	91	68	53	0	0
111	109	64	86	0	0	0
112	137	139	134	71	94	0
113	112	82	61	82	0	41
114	100	123	97	109	0	0
115	66	VOID	180	84	0	
116					246	390
117	61	66	63	91	112	169
118	68	48	87	301	182	150
119		166	194	109	394	
120	61	87	68	184	71	62
121	48	105	31	141	82	96
122	39	55	223	112	0	246
123	41	80	56	80	0	37
124	52	43	79	107	166	48
125	73	43	75		130	45
126	93	132	387	71	410	0
127	102	109	82	180	41	92
128	73	73	39	88	139	0
129	66	107	77	191	0	0
130	178	212	210	248	166	
131		59	36	55	92	0
132		232	64	84	41	68
133	66	230	357	191	107	103
134	55	36	105	82		346
135	48	34	45	107	46	150
136		113		0	47	41
137	105	492	64	107	0	0
138			93		0	79
139	134	155	161	137	0	62
140	50	105	63	143	103	0
141		71	77	223	225	0
142	80	80	73	0	159	62
143	121	155	191	321	474	0
144	296	374	198	301	0	72
145		118		98	66	128
146	73	0	0	0	0	0
147	0	105	200	146	0	0
148	159	150	84	205	0	62
149	303	132	312	114	0	0
150	105	66	93	73	0	68

RUBBER CRACKING 1969

Average Crack Depth in Microns

Station #	Jan.	Feb.	March	April	May	June
151	519	0	0	237	419	109
152	0	0	0	100		98
153			266	198	271	107
154	0	0	0	162	239	125
155		0	0	112	212	107
156		0	314			579
157	0	0	0	287	241	105
158	0	0	0	196	232	116
159			0			
160	0	0	0	159		125
161	HIGH	0		196	458	107
162						
163		0	0			109
164						
165						
166	0	0	321	0		153
167	0	0	0	0	271	0
168	0	0	0	212	399	
169	0	0	0	0	369	358
170						
171	0	0	VOID		HIGH	VOID
172	0	0	362	164	228	73
173	0				551	167
174					588	185
175				HIGH		469
176						
177	0	0	0	0	198	184
178		0	0	149	HIGH	150
179	0	0		187		262
180	0	0	0	0	269	169
181	0	205	225	0	401	200
182	0	0	0	0		187
183	0	VOID		0	246	205
184	0	0	0	0		
185	0	0	273	0		310
186	0	0	0	293	214	216
187	0	0	0	0		184
188	0	0	0	0	401	410
189	0	285	326	212	235	42
190	0	0	0	171		184
191	0	156	0	0	285	405
192		0		0	573	
193	0	0	0	444		246
194						647
195						250
196						
197	0	217	330	0	90	62
198	0	0	298	0		191
199	0	0	0	0		141
200	0			385	287	104

RUBBER CRACKING 1969

Average Crack Depth in Microns

Station #	July	August	Sept.	Oct.	Nov.	Dec.
151	91	134	57	59	68	62
152	112	87	87	0	0	0
153	84	148	80	73	86	0
154	89	93	89	100	0	0
155	118	109	93	80	0	0
156		VOID	123	52	46	96
157	77	93	95	123	0	41
158	77	123	55	164	62	62
159						
160	123	114	170	194	0	0
161	84	143	268	169	0	0
162						
163	203	139	40	109	0	123
164		194				
165						
166	212	80	148	61	0	154
167	178	91	162		0	0
168		0	182	58	51	62
169	189	194	132		0	0
170						
171	371	285	57	0	0	0
172	55	48	47	498	62	51
173	203	107	77	77	41	62
174	184	118	59	0	0	57
175	519	542		56	VOID	
176	232	141	112	0	0	41
177	200	96	80	87	0	0
178	310	105	130	62	62	0
179	116		125	75	0	0
180	175	66	81	0	0	0
181	150	153	152	62	82	41
182	150	57	47	41	0	0
183	143	109	50	116		118
184	143	77	54	82	0	0
185	303	187	70	134	0	62
186	214	150	96	70	62	62
187	225	216	77	51	0	62
188	271	109	61	87	0	0
189	344	469	118	212	0	0
190	385	225	204	194	0	41
191	292	139	97	125	77	48
192	80	125		98	123	0
193	0	150	72	118	0	130
194	531	542	535	405	421	361
195	333	298	0	132	41	46
196						
197	159	87	111	113	0	0
198	150	164	129	48	34	62
199	153	189	116	0	0	0
200	128	63	261	52	0	0

RUBBER CRACKING 1969

Average Crack Depth in Microns

Station #		Jan.	Feb.	March	April	May	June		
201		0		0			622		
202		0	0	0	0	0	134		
203		0	0	0	0	216	538		
204		0	0	0	0	244	77		
205		310		HIGH	410	426	481		
206		0	0	0	187		130		
207		282	0	0	317	319	0		
208		0	0	0	0	0	0		
209		0	0	0	214		130		
210		0	0	0	137		125		
211		0	215		0		123		
212		VOID	196	544	278		146		
213		0	105		150	237	107		
214			114				82		
215		0	148	0	248	244	141		
216		0	0	0	212	262	96		
217		0	0	0	134	191	96		
218			123	0	164	205	123		
219		0	260	HIGH	134		123		
220		0	0	0	171	198	116		
221		0	0	0	0	266	348		
222		0	0	0	487		234		
223			199		223	144	0		
224			0	0	HIGH		132		
225		0	0	0	0	411	132		
226		0	0	0	451	235	132		
227			0	0	312		221		
228		0	0			VOID	528		
229		0	0	0	150				
230		0	0	0	437	294	446		
231		173	174	276	146		116		
232		285	75	465			134		
233		380		353	203	435	89		
234			0	VOID	HIGH		494		
235			278						
236		0	249	0	216		87		
237		0	0	0	100		132		
238		0	0	0	360		87		
239		182	0	0	207		196		
240		105	0	0	490	223	182		
241		0	210	0		107	66		
242		0	0	0	0		0		
243		0	0	0	0	VOID	189		
244		0	0	328	335		173		
245									
246		0	0	0	0		0		
247		0	0	0	0		185		
248		0	0	328	396		273		
249		0	0		312	258	132		
250		549				663	569		

RUBBER CRACKING 1969

Average Crack Depth in Microns

Station #		July	August	Sept.	Oct.	Nov.	Dec.		
201		292	137	207	68				
202		89	175	93	105	0	51		
203		118	123	150	137	0	62		
204		68	61	81	64	41	0		
205		89	166	143	219	0	0		
206		84	100	118	116	371	62		
207		84	75	111	143	92	0		
208		103	41	41	0	0	164		
209		77	137	109	114		0		
210		52	89	77	153	62	31		
211		50	75	118	223	232	0		
212		71	91	95	91	0			
213		57	100	77	125	0	0		
214					146	492	62		
215		73	93	81	102	180	246		
216		52	64	148	87	351	48		
217		68	64	91	64	0	0		
218		71	50	77	143	0	41		
219		107	61	138	116	214	0		
220		96	59	50	114	41	157		
221		164	139	0	178	0	41		
222		112	87	642	257	153	62		
223		0	107	68	92	41	219		
224		246	175	59	64	48	0		
225		123	105	383	137	0	0		
226		102	125	163	171	0	0		
227		68	175	93	50	41	0		
228		180	382	358			191		
229		305	173	91	134	0	0		
230		294	143	143	93	0	0		
231		68	66	77	143	141	0		
232			41	39	162	271	96		
233		50	52	159	48	112	380		
234		191	159		328				
235					72	137			
236		64	61	93	125				
237		114	210	107	150	164	0		
238		34	84			61	VOID		
239		184	164	225	184	59	178		
240		344	82	91	157	237	130		
241		64	52		57	171	84		
242		0	0	0	41	32	0		
243		180	107	41		41	62		
244		184	175	198	128	0			
245									
246		55	185	55	27	0	0		
247		174	46	51	130	86	0		
248		221	98	48	41	62	0		
249		137		118	41	62	72		
250			506		0		VOID		

RUBBER CRACKING 1969

Average Crack Depth in Microns

Station #		Jan.	Feb.	March	April	May	June		
251		0	0	0	0	182			
252		0	291	0	433	462	185		
253		0	0	0	0	337	166		
254		0	0	0	0	166			
255		50		123	75	0	82		
256		137		0	102	82	87		
257		328		112	169		166		
258		285	0				134		
259					328		128		
260									
261		0	0	303	282	399	239		
262		0		0	471				
263		0			HIGH		200		
264		0	0	0	0	134	116		
265		0	140	0	0		106		
266		0	0	0	169	153	200		
267						228	116		
268		123	139	239		189			
269		0	0		100	0	107		
270					214		61		
271							235		
272							214		
273									
274									
275									
276									
277									
278									
279									
280									
281									
282									
283									
284									
285									
286									
287									
288									
289									
290									
291									
292									
293									
294									
295									
296									
297									
298									
299									
300									
100									

RUBBER CRACKING 1969

Average Crack Depth in Microns

Station #	July	August	Sept.	Oct.	Nov.	Dec.
251	0	87	102	0	0	0
252	237	155	180	41	41	0
253	285	130	173	0	0	67
254	196	162	120	61		
255	0	61	41	46	46	98
256	105	57	66	52	46	121
257	62	139	89	137		169
258	93	121	93	146	118	0
259	230		269	287	126	
260	75	87	41	132	248	0
261	89	98	80	228	191	0
262		VOID	587	563	VOID	46
263	148	205	446	182	0	VOID
264	148	155	123	0	0	
265	187	210	207	0	0	0
266	191	303	159	0	0	41
267						
268	130	57	71	112		72
269	64	68	323	0		
270	96	84	225	164	660	503
271		VOID			230	0
272	134	80	43	46	0	62
273	155	98	109	48	40	0
274	225		150	0	367	
275						
276						
277						
278						
279						
280						
281						
282						
283						
284						
285						
286						
287						
288						
289						
290						
291						
292						
293						
294						
295						
296						
297						
298						
299						
300						

WIND BLOWN PARTICULATES 1969
(STICKY PAPER)

PARTICLES PER SQUARE MM - 7 DAYS
(MONTHLY AVERAGES)

STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION	N	E	S	W
1	JAN.	16	16	16	16	16	16	31	31	19	1	2	2	2	2
	FEB.	5	5	3	2	3	31	31	5	11	1	2		2	2
	MAR.	8	16	8	3	2	3	16	16	9	1	2	2		2
	APR.														
	MAY	8	8	16	16	8	16	16	16	13	1	2	2	2	2
	JUNE	5	16	47	31	31	31	16	3	22	1		2	2	2
	JULY														
	AUG.													2	2
	SEPT.	2	2	2	2	2	2	3	3	2	1				
	OCT.	3	8	16	16	31	31	16	8	16	1	2	2	2	2
	NOV.														
	DEC.	31	16	31	16	16	3	3	31	18	1	2	2	2	2
2	JAN.	16	16	16	16	16	31	31	70	26	1	2	2	2	2
	FEB.	16	16	8	8	31	47	31	31	23	1	2	2	2	2
	MAR.	31	31	31	31	31	31	31	31	31	1	2	2	2	2
	APR.	16	16	16	31	31	31	31	31	25	1	2	2	2	2
	MAY	16	31	31	31	31	31	31	16	27	1	2	2	2	2
	JUNE														
	JULY	31	31	31	31	16	16	16	31	25	1	2	2	2	2
	AUG.	5	8	8	16	16	16	16	8	11	1	2	2	2	2
	SEPT.														
	OCT.	16	16	16	16	8	8	8	8	12	1	2	2	2	2
	NOV.														
	DEC.	31	31	16	16	16	70	47	47	34	1	2	2	2	2
3	JAN.	16	31	31	31	31	16	16	16	23	1	2	2	2	2
	FEB.	8	16	16	16	16	8	8	5	11	1	2	2	2	2
	MAR.	16	16	31	31	31	31	16	16	23	1	2	2	2	2
	APR.	3	3	5	8	31	31	31	8	15	1	2	2	2	2
	MAY	31	31	31	31	31	16	16	16	25	1	2	2	2	2
	JUNE	16	16	16	31	31	31	16	16	21	1	2	2	2	2
	JULY	16	8	8	16	16	8	8	8	11	1	2	2	2	2
	AUG.	3	8	16	16	8	3	2	2	7	1	2	2	2	2
	SEPT.	2	2	3	3	3	3	3	2	3	1	2	2	2	2
	OCT.														
	NOV.														
	DEC.	8	16	16	16	16	8	5	3	11	1	2	2	2	2

WIND BLOWN PARTICULATES 1969
(STICKY PAPER)

PARTICLES PER SQUARE MM - 7 DAYS
(MONTHLY AVERAGES)

STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
4	JAN.	3	8	16	8	8	31	31	16	15	1		2	2	2
	FEB.	31	31	5	5	8	8	8	8	13	1	2		2	2
	MAR.	31	16	16	8	16	16	31	31	20	1	2	2	2	2
	APR.	8	16	70	70	93	93	70	47	58	1	2	2	2	2
	MAY	31	16	16	31	31	47	47	47	33	1	2	2	2	2
	JUNE	16	16	16	31	31	16	8	8	17	1	2	2	2	2
	JULY	16	16	16	16	16	8	8	8	13	1	2	2	2	2
	AUG.	5	3	2	2	8	16	16	16	8	1	2	2	2	2
	SEPT.	16	8	8	16	16	31	31	31	19	1	2	2	2	2
	OCT.	31	31	31	31	16	8	8	16	21	1	2	2	2	2
	NOV.														
	DEC.	31	31	16	3	5	5	16	47	19	1	2	2	2	2
5	JAN.	70	70	70	70	70	70	70	70	70	1	2	2	2	2
	FEB.	47	47	47	47	47	47	47	47	47	1	2	2	2	2
	MAR.	70	70	70	70	70	70	70	70	70	1	2	2	2	2
	APR.	47	47	47	47	70	70	70	47	55	1	2	2	2	2
	MAY	47	47	47	47	47	47	47	47	47	1	2	2	2	2
	JUNE	47	47	70	93	93	93	70	47	70	1	2	2	2	2
	JULY	47	47	47	47	47	47	47	47	47	1	2	2	2	2
	AUG.	16	16	16	31	31	47	47	31	29	1	2	2	2	2
	SEPT.	16	16	16	31	31	47	47	31	29	1	2	2	2	2
	OCT.	31	31	31	31	31	47	47	31	35	1	2	2	2	2
	NOV.														
	DEC.	47	70	70	70	70	70	47	47	61	1	2	2	2	2
6	JAN.	16	16	16	31	31	31	70	70	35	1	2	2	2	2
	FEB.														
	MAR.	47	47	31	31	8	8	31	47	31	1	2	2	2	2
	APR.	47	47	47	47	47	47	47	47	47	1	2	2	2	2
	MAY	16	16	31	31	47	47	47	31	33	1	2	2	2	2
	JUNE	47	31	31	31	47	47	70	70	47	1	2	2	2	2
	JULY	31	16	16	31	31	47	47	47	33	1	2	2	2	2
	AUG.	16	8	8	8	8	16	31	31	16	1	2	2	2	2
	SEPT.	31	16	16	31	16	16	47	47	27	1	2	2	2	2
	OCT.	8	8	16	16	8	16	31	16	15	1	2	2	2	2
	NOV.														
	DEC.	16	8	16	16	5	5	16	31	14	1	2	2	2	2

WIND BLOWN PARTICULATES 1969
(STICKY PAPER)

PARTICLES PER SQUARE MM - 7 DAYS
(MONTHLY AVERAGES)

STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION	N	E	S	W
7	JAN.	70	70	70	70	70	70	70	70	70	1	2	2	2	2
	FEB.	31	47	47	47	31	31	31	31	37	1	2	2	2	2
	MAR.	16	31	31	31	16	8	16	16	20	1	2	2	2	2
	APR.	16	16	16	31	16	16	31	31	21	1	2	2	2	2
	MAY														
	JUNE	47	47	70	70	47	47	47	47	52	1	2	2	2	2
	JULY	31	31	47	47	31	31	31	31	35	1	2	2	2	2
	AUG.	8	5	3	3	3	8	16	16	8	1	2	2	2	2
	SEPT.	16	16	5	5	5	5	5	8	8	1	2	2	2	2
	OCT.	16	8	8	5	5	5	5	5	7	1	2	2	2	2
	NOV.														
	DEC.	31	31	31	31	16	16	16	31	25	1	2	2	2	2
	JAN.	31	70	70	70	70	70	70	70	65	1	2	2	2	2
	FEB.	70	70	70	70	70	70	70	70	70	1	2	2	2	2
	MAR.	31	31	31	31	31	31	31	31	31	1	2	2	2	2
	APR.														
	MAY														
8	JUNE	31	31	31	31	31	16	31	31	29	1	2	2	2	2
	JULY	31	31	47	47	47	31	31	31	37	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.	70	93	93	93	93	93	93	93	90	1	2	2	2	2
	NOV.														
	DEC.	93	93	93	93	93	93	93	93	93	1	2	2	2	2
	JAN.	3	3	16	31	16	16	8	3	12	1		2	2	2
	FEB.	8	8	3	16	16	16	31	31	16	1	2	2	2	2
	MAR.	8	8	8	5	8	16	16	8	9	1	2	2	2	2
	APR.	16	31	47	47	47	47	31	31	37	1	2	2	2	2
	MAY	47	70	93	70	47	47	47	47	58	1	2	2	2	2
9	JUNE														
	JULY	2	3	31	31	16	16	16	8	15	1	2	2	2	2
	AUG.	2	2	5	16	16	5	5	3	7	1		2	2	2
	SEPT.														
	OCT.														
	NOV.														
	DEC.	31	16	16	16	16	47	47	70	32	1	2	2	2	2

WIND BLOWN PARTICULATES 1969
(STICKY PAPER)

PARTICLES PER SQUARE MM - 7 DAYS
(MONTHLY AVERAGES)

STATION	MONTH	DIRECTIONAL LOADINGS								AVG.	PARTICLE IDENTIFICATION				
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
10	JAN.														
	FEB.	31	31	31	31	16	8	16	31	24	1	2	2	2	2
	MAR.														
	APR.	47	47	16	16	31	47	70	70	43	1	2	2	2	2
	MAY	47	47	16	16	31	47	70	47	40	1	2	2	2	2
	JUNE	47	47	47	31	31	31	31	47	39	1	2	2	2	2
	JULY	31	16	16	16	16	31	31	31	23	1	2	2	2	2
	AUG.	16	8	5	3	5	8	31	31	13	1	2		2	2
	SEPT.	16	16	8	5	3	5	16	16	10	1	2	2	2	2
	OCT.	16	16	16	8	8	16	16	16	14	1	2	2	2	2
	NOV.														
	DEC.	47	31	16	8	5	8	31	31	22	1	2	2	2	2
11	JAN.	31	16	16	16	31	70	70	70	40	1	2	2	2	2
	FEB.	31	31	31	16	16	31	31	31	27	1	2	2	2	2
	MAR.	47	47	47	31	16	16	31	31	33	1	2	2	2	2
	APR.	31	16	16	31	31	31	31	31	27	1	2	2	2	2
	MAY														
	JUNE	31	31	47	47	47	31	31	31	37	1	2	2	2	2
	JULY														
	AUG.	31	31	31	47	31	31	16	16	29	1	2	2	2	2
	SEPT.	16	8	16	31	16	16	16	16	16	1	2	2	2	2
	OCT.	31	16	31	31	16	16	16	31	23	1	2	2	2	2
	NOV.														
	DEC.	31	31	16	8	8	16	16	31	19	1	2	2	2	2
12	JAN.														
	FEB.	16	31	31	31	16	16	16	16	21	1	2	2	2	2
	MAR.	8	8	8	16	16	31	47	47	22	1	2	2	2	2
	APR.	47	31	47	93	93	93	47	47	62	1	2	2	2	2
	MAY	31	31	16	31	93	93	93	31	52	1	2	2	2	2
	JUNE	16	16	16	16	31	16	8	5	15	1	2	2	2	2
	JULY	8	16	5	16	31	31	16	8	16	1	2	2	2	2
	AUG.	3	2	2	8	31	31	16	5	12	1	2	2	2	2
	SEPT.	8	5	3	3	5	16	31	16	11	1	2		2	2
	OCT.	8	8	8	8	16	16	16	16	12	1	2	2	2	2
	NOV.														
	DEC.	8	8	3	5	16	31	31	16	15	1	2	2	2	2

WIND BLOWN PARTICULATES 1969
(STICKY PAPER)

PARTICLES PER SQUARE MM - 7 DAYS
(MONTHLY AVERAGES)

STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE DENTIFICATION N	E	S	W
13	JAN.	31	70	70	70	70	31	31	16	48	1	2	2	2	2
	FEB.	31	31	31	31	31	31	47	47	35	1	2	2	2	2
	MAR.	31	31	47	47	31	47	47	[illegible]	41	1	2	2	2	2
	APR.	47	47	47	47	47	47	47	47	47	1	2	2	2	2
	MAY	70	70	47	31	47	70	93	93	65	1	2	2	2	2
	JUNE														
	JULY	31	31	31	31	31	31	31	47	33	1	2	2	2	2
	AUG.														
	SEPT.	16	16	16	16	16	31	31	31	21	1	2	2	2	2
	OCT.	31	31	31	31	31	31	31	31	31	1	2	2	2	2
	NOV.														
	DEC.	16	8	31	16	31	70	70	70	39	1	2	2	2	2
14	JAN.	31	8	8	16	8	8	16	70	20	1	2			2
	FEB.	31	16	8	8	5	8	16	31	15	1	2	2		2
	MAR.	47	31	31	31	16	8	16	47	28	1	2	2	2	2
	APR.	16	16	16	16	16	16	16	31	17	1	2	2	2	2
	MAY	31	16	8	5	5	8	16	31	15	1	2	2	2	2
	JUNE	31	16	16	31	31	31	31	31	27	1	2	2	2	2
	JULY	16	8	5	5	5	5	8	16	9	1	2	2	2	2
	AUG.														
	SEPT.	8	3	3	3	3	3	5	8	5	1	2	2	2	2
	OCT.	8	5	3	3	3	3	3	5	4	1	2	2	2	2
	NOV.														
	DEC.	16	8	5	3	2	3	8	47	11	1	2	2	2	2
15	JAN.														
	FEB.														
	MAR.														
	APR.														
	MAY	47	31	47	70	93	93	93	47	65	1	2	2	2	2
	JUNE	31	16	31	47	70	70	47	47	45	1	2	2	2	2
	JULY	8	8	16	31	70	70	47	31	35	1	2	2	2	2
	AUG.	31	31	31	47	93	93	70	47	55	1	2	2	2	2
	SEPT.	16	47	47	70	70	70	47	31	49	1	2	2	2	2
	OCT.	70	93	93	93	93	93	93	70	87	1	2	2	2	2
	NOV.														
	DEC.	93	93	93	93	70	70	93	93	87	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
16	JAN.	31	16	2	2	16	16	31	31	18	1	2		2	2
	FEB.	31	16	8	8	8	5	31	31	17	1	2	2	2	2
	MAR.	16	16	16	3	3	3	5	16	10	1	2	2		2
	APR.	31	31	31	47	47	47	31	47	39	1	2	2	2	2
	MAY	16	8	16	16	31	31	31	16	20	1	2	2	2	2
	JUNE	16	8	8	16	31	31	31	16	19	1	2	2	2	2
	JULY	8	8	8	8	16	16	8	8	10	1	2	2	2	2
	AUG.	3	3	3	2	3	8	8	3	4	1	2	2	2	2
	SEPT.	8	8	3	3	3	5	5	5	5	1	2	2	2	2
	OCT.	3	5	3	3	5	3	3	3	4	1	2	2	2	2
	NOV.														
	DEC.	16	8	8	8	3	3	5	8	7	1	2	2	2	2
17	JAN.	16	16	16	31	70	70	70	31	40	1	2	2	2	2
	FEB.	31	31	31	16	31	47	47	31	33	1	2	2	2	2
	MAR.														
	APR.	31	47	47	47	70	70	47	47	50	1	2	2	2	2
	MAY	47	47	47	70	93	93	70	47	64	1	2	2	2	2
	JUNE	31	47	47	93	93	93	47	31	60	1	2	2	2	2
	JULY	47	47	31	31	47	47	31	31	39	1	2	2	2	2
	AUG.	16	16	16	47	70	70	31	16	35	1	2	2	2	2
	SEPT.	70	70	31	31	70	70	47	47	54	1	2	2	2	2
	OCT.														
	NOV.														
	DEC.														
18	JAN.	31	31	70	31	16	16	16	31	30	1	2	2	2	2
	FEB.	16	8	8	8	16	16	16	31	15	1	2	2	2	2
	MAR.	31	31	8	8	5	3	3	8	12	1	2	2	2	2
	APR.	16	31	31	16	16	16	31	31	23	1	2	2	2	2
	MAY														
	JUNE	31	31	31	16	8	8	16	31	21	1	2	2	2	2
	JULY	16	31	31	8	5	5	8	31	17	1	2	2	2	2
	AUG.	16	31	31	8	3	2	3	8	13	1	2	2	2	2
	SEPT.														
	OCT.														
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
	JAN.	16	31	31	31	70	31	16	16	30	1	2	2	2	2
	FEB.	16	8	5	8	8	8	31	31	14	1	2	2	2	2
	MAR.	70	70	16	8	16	31	31	31	34	1	2	2	2	2
	APR.	31	16	16	31	31	16	16	31	23	1	2	2	2	2
	MAY														
19	JUNE	31	31	16	8	16	31	31	16	22	1	2	2	2	2
	JULY	16	8	5	8	16	5	16	31	13	1	2	2	2	2
	AUG.	2	2	2	16	16	8	3	3	6	1	2	2	2	2
	SEPT.	5	5	5	8	8	16	31	31	14	1	2	2	2	2
	OCT.	8	5	5	16	8	3	3	5	7	1	2	2	2	2
	NOV.														
	DEC.	16	5	2	2	3	2	16	31	9	1	2		2	2
	JAN.	31	8	8	8	16	16	16	16	15	1	2	2	2	2
	FEB.	16	16	8	8	5	8	8	8	9	1	2		2	2
	MAR.	16	31	16	8	5	8	5	5	12	1	2	2	2	2
	APR.	16	16	16	16	31	31	16	16	19	1	2	2	2	2
	MAY	47	47	31	16	31	31	31	47	35	1	2	2	2	2
20	JUNE	70	47	31	31	47	70	47	70	51	1	2	2	2	2
	JULY	5	8	8	8	8	16	16	5	9	1	2	2	2	2
	AUG.	5	2	2	8	16	5	2	2	5	1	2		2	2
	SEPT.	8	8	8	8	5	3	3	3	6	1	2	2	2	2
	OCT.	16	16	3	5	16	5	3	5	9	1	2	2	2	2
	NOV.														
	DEC.	16	3	3	3	3	3	3	8	5	1	2	2	2	2
	JAN.	31	31	31	31	31	70	70	70	46	1	2	2	2	2
	FEB.	31	16	8	16	8	5	16	31	16	1	2	2	2	2
	MAR.	31	31	16	8	3	3	16	31	17	1	2	2		2
	APR.	31	16	16	16	16	16	31	31	21	1	2	2	2	2
	MAY	47	16	16	8	16	16	31	47	24	1	2	2	2	2
21	JUNE	31	16	16	16	16	16	31	47	23	1	2	2	2	2
	JULY	8	5	5	3	3	3	5	8	5	1	2	2	2	2
	AUG.	3	2	2	3	3	3	2	2	2	1	2		2	2
	SEPT.	31	16	16	8	8	5	3	31	15	1	2	2	2	2
	OCT.	16	8	5	5	3	3	3	3	6	1	2	2	2	2
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
22	JAN.	3	8	16	16	16	16	8	3	10	1	2	2	2	2
	FEB.	8	8	16	31	31	16	16	8	16	1	2	2	2	2
	MAR.	16	16	8	8	8	5	8	16	10	1	2	2	2	2
	APR.	16	16	70	93	47	31	31	31	42	1	2	2	2	2
	MAY	31	31	31	31	31	16	16	31	27	1	2	2	2	2
	JUNE	31	31	31	47	31	31	31	31	33	1	2	2	2	2
	JULY	16	16	31	31	16	16	8	8	17	1	2	2	2	2
	AUG.	2	2	16	16	8	2	2	2	6	1	2	2	2	2
	SEPT.	3	5	31	31	31	16	16	8	18	1	2	2	2	2
	OCT.	16	8	16	31	16	3	3	3	12	1	2	2	2	2
	NOV.														
	DEC.	5	5	8	8	8	8	8	5	7	1	2	2	2	2
23	JAN.	2	2	2	8	8	16	16	8	7	1				
	FEB.	8	31	31	16	31	31	31	16	24	1	2	2	2	2
	MAR.	16	8	3	2	5	16	31	31	14	1	2		2	2
	APR.	16	16	16	16	16	31	31	31	21	1	2	2	2	2
	MAY	31	31	31	31	47	47	47	47	39	1	2	2	2	2
	JUNE	16	31	31	47	47	47	47	31	37	1	2	2	2	2
	JULY	16	31	31	31	31	31	31	16	27	1	2	2	2	2
	AUG.	5	2	2	8	31	31	16	16	14	1	2		2	2
	SEPT.	16	16	31	31	31	31	31	47	29	1	2	2	2	2
	OCT.	16	16	31	31	31	16	31	31	25	1	2	2	2	2
	NOV.														
	DEC.	8	47	31	5	5	16	16	3	16	1	2	2	2	2
24	JAN.														
	FEB.	8	16	16	31	70	93	70	16	40	1	2	2	2	2
	MAR.	31	31	5	5	8	16	31	31	20	1	2	2	2	2
	APR.	31	31	31	70	93	93	47	47	55	1	2	2	2	2
	MAY	47	47	31	31	70	70	47	47	48	1	2	2	2	2
	JUNE	31	31	16	47	93	93	31	16	45	1	2	2	2	2
	JULY	31	31	16	47	93	70	16	16	40	1	2	2	2	2
	AUG.	5	5	5	16	47	70	70	8	28	1	2	2	2	2
	SEPT.	47	31	47	70	93	70	47	47	56	1	2	2	2	2
	OCT.	16	16	16	70	70	47	16	16	33	1	2	2	2	2
	NOV.														
	DEC.	16	16	8	16	47	47	31	31	26	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
25	JAN.	31	16	31	31	16	16	31	70	30	1	2	2	2	2
	FEB.	8	8	16	16	5	8	16	31	13	1	2	2	2	2
	MAR.														
	APR.	31	16	16	47	47	31	31	47	33	1	2	2	2	2
	MAY	31	8	8	16	47	31	16	31	23	1	2	2	2	2
	JUNE	47	16	16	31	47	31	31	47	33	1	2	2	2	2
	JULY	8	8	8	8	8	8	16	16	10	1	2	2	2	2
	AUG.														
	SEPT.	8	3	3	8	16	8	31	31	13	1	2	2	2	2
	OCT.	8	2	3	8	8	3	16	31	10	1	2	2	2	2
	NOV.														
	DEC.	8	3	5	3	3	3	16	16	7	1	2	2	2	2
26	JAN.	16	16	31	31	16	31	70	70	35	1	2	2	2	2
	FEB.	16	47	47	47	47	93	93	16	50	1	2	2	2	2
	MAR.	47	47	93	93	93	70	70	47	70	1	2	2	2	2
	APR.	31	31	70	70	70	47	47	47	51	1	2	2	2	2
	MAY	31	47	93	93	70	93	93	70	74	1	2	2	2	2
	JUNE	31	31	47	47	47	47	93	93	54	1	2	2	2	2
	JULY	31	47	70	70	70	70	70	47	59	1	2	2	2	2
	AUG.														
	SEPT.	31	47	47	70	70	70	70	47	56	1	2	2	2	2
	OCT.	47	47	70	47	47	93	93	70	64	1	2	2	2	2
	NOV.														
	DEC.	16	16	31	31	31	31	70	31	32	1	2	2	2	2
27	JAN.	70	70	70	70	70	93	93	70	76	1	2	2	2	2
	FEB.														
	MAR.	70	47	47	47	47	47	47	93	55	1	2	2	2	2
	APR.	93	93	93	93	93	93	93	93	93	1	2	2	2	2
	MAY	70	70	70	70	70	93	70	70	73	1	2	2	2	2
	JUNE	70	70	31	31	31	47	47	47	47	1	2	2	2	2
	JULY	47	47	47	47	47	70	70	47	52	1	2	2	2	2
	AUG.	47	47	47	47	47	47	47	47	47	1	2	2	2	2
	SEPT.	47	47	31	47	70	93	93	70	62	1	2	2	2	2
	OCT.	16	31	93	93	93	93	70	16	63	1	2	2	2	2
	NOV.														
	DEC.	47	47	47	47	47	70	70	47	52	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
28	JAN.	31	70	70	70	70	31	70	70	60	1	2	2	2	2
	FEB.	31	31	47	47	47	31	47	47	41	1	2	2	2	2
	MAR.	31	47	47	70	31	16	16	16	34	1	2	2	2	2
	APR.	93	93	93	93	78	31	31	62	72	1	2	2	2	2
	MAY	31	70	93	93	93	47	31	31	61	1	2	2	2	2
	JUNE	31	31	31	31	31	47	93	70	46	1	2	2	2	2
	JULY	70	70	47	31	31	47	47	47	48	1	2	2	2	2
	AUG.	16	31	31	47	47	5	16	16	26	1	2	2	2	2
	SEPT.	70	70	70	93	93	70	70	70	76	1	2	2	2	2
	OCT.	47	70	70	70	47	47	47	47	55	1	2	2	2	2
	NOV.														
	DEC.	47	47	47	47	31	47	47	31	43	1	2	2	2	2
29	JAN.	16	16	8	8	8	2	2	8	8	1	1	1	1	1
	FEB.														
	MAR.	2	2	2	2	2	2	2	2	2	1				
	APR.	3	2	2	2	2	2	2	2	2	1				
	MAY														
	JUNE														
	JULY														
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.														
30	JAN.	16	16	31	31	16	16	16	31	21	1	2	2	2	2
	FEB.	8	16	16	16	31	31	31	16	20	1	2	2	2	2
	MAR.	16	16	8	5	8	16	16	31	14	1	2	2	2	2
	APR.	47	47	70	93	70	47	31	47	56	1	2	2	2	2
	MAY	31	31	31	31	16	16	16	31	25	1	2	2	2	2
	JUNE	31	31	31	47	47	31	16	31	33	1	2	2	2	2
	JULY	16	31	31	31	16	8	16	16	20	1	2	2	2	2
	AUG.	3	5	8	8	5	2	2	2	4	1	2	2	2	2
	SEPT.	5	8	16	31	16	16	16	16	15	1	2	2	2	2
	OCT.	16	16	31	47	31	5	5	5	19	1	2	2	2	2
	NOV.														
	DEC.	8	5	3	3	3	3	8	16	6	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
	JAN.	31	31	70	70	70	70	31	31	50	1	2	2	2	2
	FEB.														
	MAR.	31	31	16	16	16	16	16	31	21	1	2	2	2	2
	APR.	16	5	5	8	31	70	93	70	37	1	2	2	2	2
	MAY														
31	JUNE														
	JULY	16	8	8	8	8	16	16	16	12	1	2	2	2	2
	AUG.														
	SEPT.	5	3	3	3	3	3	5	5	4	1	2	2	2	2
	OCT.	31	31	16	8	5	5	5	16	15	1	2	2	2	2
	NOV.														
	DEC.	31	31	31	16	16	31	47	47	31	1	2	2	2	2
	JAN.	31	16	5	8	16	31	47	47	25	1	2		2	2
	FEB.	31	31	16	16	8	8	16	31	19	1	2	2	2	2
	MAR.	70	31	8	16	8	16	47	70	33	1	2	2	2	2
	APR.	16	16	16	16	16	16	31	31	19	1	2	2	2	2
	MAY	16	5	5	8	16	16	16	16	12	1	2	2	2	2
32	JUNE														
	JULY														
	AUG.														
	SEPT.														
	OCT.	16	16	8	5	5	5	5	8	9	1	2	2	2	2
	NOV.														
	DEC.														
	JAN.	31	16	8	8	16	31	70	70	31	1	2		2	2
	FEB.	8	5	3	3	3	16	16	31	11	1	2		2	2
	MAR.	47	47	16	3	5	8	16	31	21	1	2	2	2	2
	APR.	8	16	5	8	31	31	16	5	15	1	2	2	2	2
	MAY	8	16	16	5	8	16	16	8	11	1	2	2	2	2
33	JUNE	16	16	8	3	5	5	5	5	8	1	2	2	2	2
	JULY	8	8	8	8	8	16	16	16	11	1	2	2	2	2
	AUG.														
	SEPT.	8	16	5	3	2	2	2	2	5	1	2	2		
	OCT.	8	16	16	3	2	2	2	2	6	1	2	2		
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
	JAN.														
	FEB.	16	8	8	16	31	47	47	31	25	1	2	2	2	2
	MAR.	31	31	16	5	3	5	5	8	13	1	2	2	2	2
	APR.	31	31	31	70	70	70	16	31	44	1	2	2	2	2
	MAY	16	16	31	31	31	47	47	31	31	1	2	2	2	2
34	JUNE	31	31	31	47	70	93	93	70	58	1	2	2	2	2
	JULY														
	AUG.	31	16	16	16	31	47	47	47	31	1	2	2	2	2
	SEPT.	47	31	16	16	31	47	47	47	35	1	2	2	2	2
	OCT.	16	16	31	31	47	70	47	31	36	1	2	2	2	2
	NOV.														
	DEC.	31	16	16	16	47	70	31	31	32	1	2	2	2	2
	JAN.	16	8	16	31	31	16	8	8	16	1	2	2	2	2
	FEB.	31	16	16	31	31	31	47	31	29	1	2	2	2	2
	MAR.	31	31	31	16	16	16	16	31	23	1	2	2	2	2
	APR.														
	MAY														
35	JUNE	47	70	70	70	47	47	47	47	55	1	2	2	2	2
	JULY														
	AUG.	31	31	31	47	70	93	70	31	50	1	2	2	2	2
	SEPT.	47	31	31	47	47	47	47	47	43	1	2	2	2	2
	OCT.	31	47	47	47	47	70	70	70	53	1	2	2	2	2
	NOV.														
	DEC.	16	8	47	70	70	31	16	16	34	1	2	2	2	2
	JAN.	16	8	16	31	31	31	31	16	22	1	2	2	2	2
	FEB.	16	16	16	16	16	31	31	31	21	1	2	2	2	2
	MAR.	31	47	47	31	16	16	16	31	29	1	2	2	2	2
	APR.	31	31	70	70	70	47	47	47	51	1	2	2	2	2
	MAY	31	47	47	47	47	19	47	47	41	1	2	2	2	2
36	JUNE	47	47	70	70	70	93	93	70	70	1	2	2	2	2
	JULY	31	31	31	31	16	16	16	16	23	1	2	2	2	2
	AUG.	16	16	16	16	31	31	31	31	23	1	2	2	2	2
	SEPT.	31	31	31	31	31	47	47	47	37	1	2	2	2	2
	OCT.	16	31	31	31	31	47	47	31	33	1	2	2	2	2
	NOV.														
	DEC.	8	16	47	47	47	16	16	16	26	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION	N	E	S	W
37	JAN.	3	16	16	16	31	31	31	3	18	1		2	2	2
	FEB.	16	16	31	8	5	3	5	16	12	1	2	2	2	2
	MAR.	5	5	3	2	3	8	16	16	7	1	2	2	2	2
	APR.	16	16	47	47	47	31	31	31	33	1	2	2	2	2
	MAY	5	5	8	16	31	31	31	8	17	1	2	2	2	2
	JUNE	16	8	5	8	16	16	16	16	12	1	2		2	2
	JULY	16	8	3	5	3	3	5	8	6	1	2	2	2	2
	AUG.	2	2	2	2	3	3	3	3	2	1	2	2	2	2
	SEPT.	31	31	16	16	8	5	5	5	15	1	2	2	2	2
	OCT.	8	5	5	16	16	31	16	16	14	1	2	2		2
	NOV.														
	DEC.	3	5	16	5	2	3	8	5	6	1	2	2		2
38	JAN.	16	16	31	70	70	70	70	16	45	1	1	2	2	2
	FEB.	31	47	47	31	47	47	47	31	41	1	2	2	2	2
	MAR.	31	31	16	16	16	31	70	70	35	1	2	2	2	2
	APR.	47	47	47	47	47	70	93	93	61	1	2	2	2	2
	MAY														
	JUNE	47	47	47	70	93	93	93	93	73	1	2	2	2	2
	JULY	47	47	47	47	47	47	47	31	45	1	2	2	2	2
	AUG.	31	31	31	31	47	47	47	47	39	1	2	2	2	2
	SEPT.	31	47	47	31	47	47	70	47	46	1	2	2	2	2
	OCT.	47	70	70	47	47	47	70	70	58	1	2	2	2	2
	NOV.														
	DEC.	31	47	70	47	31	47	70	47	48	1	2	2	2	2
39	JAN.	31	31	16	8	16	70	70	31	34	1	2	2	2	2
	FEB.	31	16	16	16	31	31	31	31	25	1	2	2	2	2
	MAR.	16	16	16	8	5	8	8	16	11	1	2	2	2	2
	APR.														
	MAY	16	31	31	16	31	93	70	16	38	1	2	2	2	2
	JUNE	70	47	47	31	31	47	47	70	48	1	2	2	2	2
	JULY	16	16	8	5	16	31	31	31	19	1	2	2	2	2
	AUG.	31	31	16	8	16	16	16	16	18	1	2	2	2	2
	SEPT.	31	16	8	3	16	31	8	16	16	1	2	2	2	2
	OCT.	8	8	5	5	8	31	31	16	14	1	2	2	2	2
	NOV.														
	DEC.	8	8	8	8	8	8	5	8	7	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
40	JAN.	31	16	16	31	70	70	70	70	47	1	2	2	2	2
	FEB.	16	16	8	8	16	31	31	31	19	1	2	2	2	2
	MAR.	8	16	16	16	16	31	31	31	20	1	2	2	2	2
	APR.	47	47	31	31	70	62	70	70	53	1	2	2	2	2
	MAY														
	JUNE	47	70	70	47	31	16	16	16	39	1	2	2	2	2
	JULY														
	AUG.	16	16	8	2	2	5	16	16	10	1	2	2		2
	SEPT.														
	OCT.	3	3	3	3	5	5	5	3	4	1	2	2	2	2
	NOV.														
	DEC.	16	8	8	8	5	8	5	3	8	1	2	2	2	2
41	JAN.														
	FEB.	8	3	2	2	3	2	2	3	3	1	2	2	2	
	MAR.	2	2	2	2	3	3	8	2	3	1			2	2
	APR.														
	MAY	16	16	8	5	31	47	31	8	20	1	2	2	2	2
	JUNE														
	JULY														
	AUG.														
	SEPT.	5	3	3	3	3	3	3	8	4	1	2	2	2	2
	OCT.	2	2	2	2	2	2	2	2	2	1				
	NOV.														
	DEC.														
42	JAN.	8	3	2	8	16	16	2	8	8	1	2		2	
	FEB.	8	5	3	3	8	5	5	5	5	1	2	2	2	2
	MAR.	31	16	16	3	2	2	2	8	10	1	2	2		
	APR.	16	16	8	8	14	16	8	8	12	1	2	2	2	2
	MAY	3	5	5	8	8	5	5	5	6	1		2	2	2
	JUNE	8	5	3	2	3	3	5	5	4	1	2		2	2
	JULY	8	3	2	3	8	5	2	3	4	1	2		2	2
	AUG.														
	SEPT.	5	3	2	2	2	2	2	2	2	1	2			2
	OCT.	2	2	2	2	2	2	2	2	2	1				
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.	PARTICLE IDENTIFICATION				
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
43	JAN.														
	FEB.	16	3	3	8	31	31	31	31	19	1	2		2	2
	MAR.	16	5	2	2	2	2	8	16	6	1	2			2
	APR.	16	3	3	31	70	70	31	31	32	1	2	2	2	2
	MAY	8	8	31	70	70	47	47	31	39	1	2	2	2	2
	JUNE	5	3	8	93	93	93	70	47	51	1	3	3	3	3
	JULY	31	16	3	8	16	16	16	31	17	1	2	2	2	2
	AUG.	47	16	8	16	47	47	47	31	32	1	2	2	2	2
	SEPT.	16	16	8	16	31	31	16	31	20	1	2	2	2	2
	OCI.														
	NOV.														
	DEC.	8	2	5	5	3	2	3	8	4	1	2	2	2	2
44	JAN.	16	8	31	70	70	70	70	70	50	1	2	2	2	2
	FEB.	31	16	31	31	31	31	47	47	33	1	2	2	2	2
	MAR.	31	31	31	8	5	5	16	31	20	1	2	2	2	2
	APR.	9	8	31	70	47	31	31	31	32	1	2	2	2	2
	MAY	16	31	47	47	47	31	16	8	30	1	2	2	2	2
	JUNE														
	JULY	31	16	8	16	16	16	31	31	20	1	2	2	2	2
	AUG.	5	2	2	3	5	8	8	5	5	1	2		2	2
	SEPT.	8	3	5	5	3	3	8	16	6	1	2	2	2	2
	OCT.	2	3	8	8	8	16	8	5	7	1		2	2	2
	NOV.														
	DEC.	16	8	16	8	5	16	31	31	16	1	2	2	2	2
45	JAN.	8	16	31	70	70	31	31	31	36	1	2	2	2	2
	FEB.	5	5	16	31	31	16	31	16	19	1		2	2	2
	MAR.	16	16	16	16	16	5	5	16	13	1	2	2	2	2
	APR.	16	31	31	47	70	47	16	16	34	1	2	2	2	2
	MAY	16	16	31	70	70	47	16	16	35	1	2	2	2	2
	JUNE	31	31	31	47	47	70	70	47	47	1	2	2	2	2
	JULY	16	16	31	47	31	16	16	31	25	1	2	2	2	2
	AUG.	5	5	16	16	16	16	16	16	13	1	2	2	2	2
	SEPT.	31	16	31	47	47	16	31	47	33	1	2	2	2	2
	OCT.	3	5	31	70	47	16	16	8	24	1	2	2	2	2
	NOV.														
	DEC.	8	16	31	47	31	8	16	31	23	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.		PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
46	JAN.	31	70	70	31	31	31	31	70	46	1	2	2	2	2
	FEB.	31	31	31	31	31	31	31	31	31	1	2	2	2	2
	MAR.	31	47	31	16	16	16	31	47	29	1	2	2	2	2
	APR.	31	31	31	93	93	70	16	31	49	1	2	2	2	2
	MAY	31	31	70	93	47	16	16	16	40	1	2	2	2	2
	JUNE	16	8	8	16	31	47	70	47	30	1	2	2	2	2
	JULY	47	47	70	31	31	70	70	70	54	1	2	2	2	2
	AUG.	16	8	3	16	16	8	16	16	12	1	2	2	2	2
	SEPT.	47	47	16	16	31	31	31	31	31	1	2	2	2	2
	OCT.	8	8	31	93	93	47	47	47	47	1	2	2	2	2
	NOV.														
	DEC.	31	31	16	16	16	16	31	47	25	1	2	2	2	2
	JAN.														
	FEB.	8	8	16	31	16	31	31	31	21	1	2	2	2	2
	MAR.	5	8	8	8	3	2	3	8	6	1	2	2		2
	APR.	16	16	31	47	47	47	47	16	33	1	2	2	2	2
47	MAY	3	16	31	47	47	31	16	8	25	1	2	2	2	2
	JUNE	8	8	16	16	16	16	31	31	17	1	2	2	2	2
	JULY	8	16	16	31	31	31	31	16	22	1	2	2	2	2
	AUG.	3	5	16	16	16	16	16	5	11	1	2	2	2	2
	SEPT.	16	16	16	16	5	3	3	2	9	1	2	2	2	2
	OCT.	2	2	3	16	16	16	16	16	10	1		2	2	2
	NOV.														
	DEC.	5	5	16	16	8	5	8	5	9	1	2	2	2	2
	JAN.	8	8	16	16	8	31	70	31	23	1	2	2	2	2
	FEB.	16	31	31	31	31	31	31	31	29	1	2	2	2	2
	MAR.	16	31	31	16	16	31	31	16	23	1	2	2	2	2
	APR.	5	8	31	47	31	16	16	8	20	1	2	2	2	2
	MAY	5	16	47	93	70	47	16	8	37	1	2	2	2	2
48	JUNE	8	8	16	31	31	31	31	16	21	1	2	2	2	2
	JULY														
	AUG.	3	3	2	2	2	3	3	8	3	1	2	2	2	2
	SEPT.	16	31	31	31	47	47	31	31	33	1	2	2	2	2
	OCT.	3	2	2	16	31	16	8	5	10	1	2		2	2
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
	JAN.	2	2	2	2	16	2	2	3	3	1			2	
	FEB.	16	8	5	3	3	3	5	5	6	1	2	2	2	2
	MAR.	31	31	8	8	16	16	16	16	17	1	2	2	2	2
	APR.	70	70	31	31	47	31	31	16	41	1	2	2	2	2
	MAY	47	31	31	47	31	47	47	31	39	1	2	2	2	2
49	JUNE	31	47	47	70	93	93	70	70	65	1	2	2	2	2
	JULY	5	16	47	47	8	5	8	5	18	1	2	2	2	2
	AUG.	16	16	16	16	31	47	31	31	25	1	2	2	2	2
	SEPT.	16	8	8	8	8	8	8	16	10	1	2	2	2	2
	OCT.	31	47	31	8	31	31	16	8	25	1	2	2	2	2
	NOV.														
	DEC.	16	8	16	31	16	16	16	16	16	1	2	2	2	2
	JAN.	8	3	3	3	8	8	31	31	12	1	2		2	2
	FEB.	16	16	16	8	16	16	8	8	13	1	1	1	2	2
	MAR.														
	APR.	16	31	31	8	8	16	16	16	17	1	2	2	2	2
	MAY	47	31	31	16	16	31	70	70	39	1	2	2	2	2
50	JUNE	31	31	16	16	47	70	70	47	41	1	2	2	2	2
	JULY														
	AUG.	5	5	3	5	16	47	47	8	17	1	2	2	2	2
	SEPT.	8	5	3	3	5	31	31	16	13	1	2	2	2	2
	OCT.	16	31	31	8	16	31	70	31	29	1	2	2	2	2
	NOV.														
	DEC.	2	2	2	2	3	3	5	8	3	1			2	2
	JAN.	2	3	3	2	2	8	8	2	3	1				2
	FEB.	2	2	2	2	3	16	31	8	8	1				2
	MAR.	16	16	8	3	5	5	5	8	8	1	2	2	2	2
	APR.	16	16	16	16	16	16	8	8	14	1	2	2	2	2
	MAY	31	31	31	31	47	93	70	31	46	1	2	2	2	2
51	JUNE	16	8	3	3	31	47	31	16	19	1	2	2	2	2
	JULY	16	16	8	5	16	16	5	5	11	1	2	2	2	2
	AUG.														
	SEPT.	16	5	5	3	3	5	8	8	7	1	2	2	2	2
	OCT.	2	3	3	16	93	93	70	5	36	1		2	2	2
	NOV.														
	DEC.	3	3	3	3	3	5	5	5	4	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
52	JAN.													
	FEB.	31	31	31	31	31	31	47	47	35	1	2	2	2	2
	MAR.	70	93	70	47	47	31	47	47	56	1	2	2	2	2
	APR.	70	70	47	70	70	47	47	47	58	1	2	2	2	2
	MAY	93	93	93	93	93	93	93	93	93	1	2	2	2	2
	JUNE	93	93	70	93	93	93	93	93	90	1	2	2	2	2
	JULY	93	93	93	93	70	70	70	70	81	1	2	2	2	2
	AUG.	47	47	31	70	93	70	70	47	59	1	2	2	2	2
	SEPT.	70	47	47	70	70	47	70	93	64	1	2	2	2	2
	OCT.	31	47	93	93	93	93	70	70	74	1	2	2	2	2
	NOV.														
	DEC.	47	47	47	70	47	47	70	70	55	1	2	2	2	2
53	JAN.	16	16	16	16	31	31	70	70	33	1	2	2	2	2
	FEB.	31	47	47	16	31	31	31	31	33	1	2	2	2	2
	MAR.	31	47	31	16	16	16	31	31	27	1	2	2	2	2
	APR.	31	31	16	31	31	31	8	8	23	1	2	2	2	2
	MAY	47	47	47	31	31	31	31	47	39	1	2	2	2	2
	JUNE	93	93	70	47	70	47	31	70	65	1	2	2	2	2
	JULY	31	47	31	8	16	16	16	16	22	1	2	2	2	2
	AUG.														
	SEPT.	93	93	93	93	93	70	70	70	84	1	2	2	2	2
	OCT.	70	70	62	70	93	93	93	93	80	1	2	2	2	2
	NOV.														
	DEC.	70	70	47	31	47	47	70	93	59	1	2	2	2	2
55	JAN.														
	FEB.	16	16	8	16	16	16	8	5	12	1	2	2	2	2
	MAR.														
	APR.														
	MAY														
	JUNE														
	JULY														
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
	JAN.										1			2
	FEB.	2	2	2	2	2	5	8	3	3				
	MAR.	5	8	3	2	3	2	3	3	4	1	2	2	2
	APR.	3	3	2	2	3	8	3	3	3	1	2		2
	MAY	3	2	2	8	31	31	8	5	11	1		2	2
56	JUNE	8	8	16	31	47	70	47	16	30	1	2	2	2
	JULY													
	AUG.	8	3	2	2	5	5	3	2	4	1	2	2	
	SEPT.													
	OCT.													
	NOV.													
	DEC.													
	JAN.	3	8	2	3	2	3	16	16	6	1			2
	FEB.													
	MAR.	47	31	16	31	47	47	70	70	45	1	2	2	2
	APR.	31	16	8	16	16	16	31	47	22	1	2	2	2
	MAY	3	5	16	47	47	31	31	16	24	1		2	2
57	JUNE													
	JULY													
	AUG.													
	SEPT.													
	OCT.													
	NOV.													
	DEC.													
	JAN.	31	31	70	70	31	70	70	70	55	1	2	2	2
	FEB.													
	MAR.													
	APR.	31	31	31	31	47	31	47	70	40	1	2	2	2
	MAY													
58	JUNE													
	JULY													
	AUG.													
	SEPT.													
	OCT.													
	NOV.													
	DEC.													

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
59	JAN.	31	31	31	70	70	70	70	70	55	1	2	2	2	2
	FEB.	31	31	31	31	31	47	47	47	37	1	2	2	2	2
	MAR.	31	31	31	16	31	31	31	31	29	1	2	2	2	2
	APR.	47	47	47	31	47	47	47	31	43	1	2	2	2	2
	MAY	31	31	31	47	47	47	47	47	41	1	2	2	2	2
	JUNE	31	31	31	31	31	31	31	31	31	1	2	2	2	2
	JULY														
	AUG.	8	8	8	5	5	5	5	5	6	1	2	2	2	2
	SEPT.	16	16	16	16	16	31	16	16	17	1	2	2	2	2
	OCT.	31	31	31	47	70	70	47	31	45	1	2	2	2	2
	NOV.														
	DEC.	8	8	8	8	8	16	16	16	11	1	2	2	2	2
60	JAN.	8	16	16	16	31	16	8	16	16	1	2	2	2	2
	FEB.	8	16	16	16	16	16	16	16	15	1	2	2	2	2
	MAR.	16	16	16	16	31	31	31	31	23	1	2	2	2	2
	APR.	16	16	16	31	47	47	31	16	27	1	2	2	2	2
	MAY														
	JUNE														
	JULY														
	AUG.														
	SEPT.	5	5	3	3	5	8	5	3	5	1	2	2	2	2
	OCT.	8	8	16	16	31	31	31	16	19	1	2	2	2	2
	NOV.														
	DEC.	3	5	3	8	5	5	5	3	5	1	2	2	2	2
61	JAN.														
	FEB.														
	MAR.	31	31	31	16	16	31	31	47	29	1	2	2	2	2
	APR.	47	47	70	70	70	70	70	70	64	1	2	2	2	2
	MAY	47	47	47	70	70	70	70	70	61	1	2	2	2	2
	JUNE	47	70	93	93	93	93	93	70	81	1	2	2	2	2
	JULY	70	47	47	70	70	70	70	70	64	1	2	2	2	2
	AUG.														
	SEPT.	47	47	47	47	47	47	47	47	47	1	2	2	2	2
	OCT.	70	70	93	93	93	93	93	93	87	1	2	2	2	2
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
62	JAN.	16	16	31	70	70	31	16	16	33	1	2	2	2	2
	FEB.	16	16	16	31	31	31	31	16	23	1	2	2	2	2
	MAR.	47	16	16	31	31	31	31	31	29	1	2	2	2	2
	APR.	31	31	31	31	70	47	47	47	42	1	2	2	2	2
	MAY	47	47	47	70	70	47	47	47	52	1	2	2	2	2
	JUNE														
	JULY	70	70	31	47	47	16	31	47	45	1	2	2	2	2
	AUG.	31	31	31	31	47	47	16	16	31	1	2	2	2	2
	SEPT.														
	OCT.														
	NOV.														
	DEC.														
63	JAN.	8	8	8	8	31	31	16	16	16	1	2	2	2	2
	FEB.														
	MAR.	2	2	3	3	3	3	8	8	4	1		2		2
	APR.	8	8	8	5	8	16	16	8	9	1	2	2	2	2
	MAY	2	2	2	2	2	5	5	3	3	1				2
	JUNE	31	16	16	16	16	16	31	31	21	1	2	2	2	2
	JULY	3	2	2	2	2	3	3	3	2	1	2			2
	AUG.	2	2	2	2	2	3	3	3	2	1				2
	SEPT.	2	2	2	2	2	2	3	3	2	1				2
	OCT.	2	2	2	2	2	2	2	2	2	1				
	NOV.														
	DEC.	2	2	2	2	2	5	3	2	2	1				2
64	JAN.	16	31	70	70	70	70	70	31	53	1	2	2	2	2
	FEB.														
	MAR.	16	16	31	47	47	47	47	31	35	1	2	2	2	2
	APR.	8	8	31	47	47	70	70	47	41	1	2	2	2	2
	MAY	31	31	31	47	47	47	47	47	41	1	2	2	2	2
	JUNE	8	16	31	31	16	16	16	8	17	1	2	2	2	2
	JULY														
	AUG.	2	3	5	16	16	16	16	8	10	1	2	2	2	2
	SEPT.														
	OCT.	16	16	16	31	31	31	31	31	25	1	2	2	2	2
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
65	JAN.														
	FEB.	31	31	31	31	31	31	31	31	31	1	2	2	2	2
	MAR.	8	8	5	3	2	2	2	3	4	1	2	2	2	
	APR.	47	47	31	31	31	31	31	31	35	1	2	2	2	2
	MAY	16	16	8	8	5	5	8	16	10	1	2	2	2	2
	JUNE	70	47	16	16	31	31	31	70	39	1	2	2	2	2
	JULY														
	AUG.	8	8	8	16	5	3	2	5	7	1	2	2	2	
	SEPT.	31	31	16	16	8	3	8	16	16	1	2	2	2	2
	OCT.	8	8	16	8	5	5	5	8	8	1	2	2	2	2
	NOV.														
	DEC.	16	16	16	16	8	5	8	8	11	1	2	2	2	2
66	JAN.	31	70	70	70	70	70	70	70	65	1	2	2	2	2
	FEB.														
	MAR.														
	APR.	93	93	93	93	93	93	93	93	93	1	2	2	2	2
	MAY	70	47	16	16	16	31	31	31	32	1	2	2	2	2
	JUNE														
	JULY	70	70	70	70	47	70	70	70	67	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.														
67	JAN.	16	3	2	3	8	3	16	31	10	1	2		2	2
	FEB.	8	5	8	8	8	8	31	16	11	1	2	2	2	2
	MAR.	16	8	8	5	2	5	16	16	9	1	2	2		2
	APR.	8	8	16	8	3	3	3	3	6	1	2	2	2	2
	MAY	16	16	16	16	16	16	31	31	19	1	2	2	2	2
	JUNE	31	16	16	16	16	16	47	47	25	1	2	2	2	2
	JULY	16	3	5	5	3	16	70	70	23	1	2	2	2	2
	AUG.	5	5	2	2	2	2	8	8	4	1	2	2	2	2
	SEPT.														
	OCT.	8	16	31	16	8	3	5	5	11	1	2	2	2	2
	NOV.														
	DEC.	5	8	5	2	5	16	8	3	6	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
68	JAN.	70	31	8	8	8	16	31	70	30	1	2	2	2
	FEB.	31	31	31	31	31	47	31	31	33	1	2	2	2
	MAR.	31	31	31	47	47	47	47	31	39	1	2	2	2
	APR.	31	47	47	31	31	31	31	31	35	1	2	2	2
	MAY	31	31	31	31	47	47	16	16	31	1	2	2	2
	JUNE	47	47	31	16	16	16	31	31	29	1	2	2	2
	JULY													
	AUG.													
	SEPT.	16	31	16	16	3	5	16	16	15	1	2	2	2
	OCT.	31	47	31	5	5	5	5	5	17	1	2	2	2
	NOV.													
	DEC.	16	47	47	31	8	8	5	5	21	1	3	2	2
69	JAN.													
	FEB.	3	2	3	5	5	3	8	5	4	1	2	2	2
	MAR.	16	16	16	8	8	8	16	16	13	1	2	2	2
	APR.	2	3	2	2	3	2	2	2	2	1			2
	MAY	16	16	16	5	5	5	5	8	9	1	2	2	2
	JUNE	8	3	2	2	2	3	5	8	4	1	2		2
	JULY	2	2	2	2	2	2	2	2	2	1			
	AUG.	2	2	2	2	2	3	3	2	2	1		2	2
	SEPT.	3	3	3	3	2	2	2	2	2	1	2	2	2
	OCT.													
	NOV.													
	DEC.													
70	JAN.	16	16	16	16	31	70	70	31	33	1	2	2	2
	FEB.													
	MAR.	8	8	8	8	16	31	31	31	17	1	2	2	2
	APR.	8	5	5	5	16	31	47	31	19	1	2	2	2
	MAY	16	16	16	31	47	70	47	31	34	1	2	2	2
	JUNE	31	31	31	31	47	70	47	47	42	1	2	2	2
	JULY	8	8	5	8	16	16	16	8	10	1	2	2	2
	AUG.													
	SEPT.	3	3	2	2	3	5	8	8	4	1		2	2
	OCT.	2	2	3	3	16	31	31	16	13	1			
	NOV.													
	DEC.	8	5	3	3	16	16	31	16	12	1	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
	JAN.													
	FEB.													
	MAR.													
	APR.													
	MAY													
71	JUNE													
	JULY													
	AUG.	31	31	31	47	70	70	47	47	47	1	2	2	2	2
	SEPT.													
	OCT.													
	NOV.													
	DEC.													
	JAN.	2	2	3	9	16	12	5	3	6	2			2	
	FEB.	2	3	2	2	5	5	2	2	3	1			2	
	MAR.	3	16	16	31	31	16	3	3	15	1		2	2	
	APR.	5	16	31	31	70	47	16	3	27	1	2	2	2	2
	MAY	3	3	3	5	16	31	16	8	11	1			2	2
72	JUNE	31	47	47	47	70	47	47	47	47	1	2	2	2	2
	JULY	16	16	16	47	93	93	47	16	43	1	2	2	2	2
	AUG.	5	5	5	16	93	70	16	16	28	1	2	2	2	2
	SEPT.														
	OCT.	2	2	2	2	3	3	2	2	2	1			2	
	NOV.														
	DEC.	3	2	2	2	2	2	2	2	2	1	2			
	JAN.	8	8	3	3	3	8	16	3	6	1	2	2	2	2
	FEB.	2	2	2	2	2	2	2	2	2	1				
	MAR.	5	8	3	2	5	16	8	3	6	1	2	2	2	2
	APR.	8	16	8	16	31	47	31	5	20	1	2	2	2	2
	MAY	5	2	2	2	3	5	8	8	4	1	2		2	2
73	JUNE	3	2	2	8	31	16	5	2	8	1			2	2
	JULY	3	2	3	16	47	47	16	8	17	1			2	2
	AUG.	5	5	3	31	47	47	31	5	22	1	2	2	2	2
	SEPT.	2	2	2	2	16	16	5	2	6	1			2	2
	OCT.	2	3	2	2	5	8	8	2	4	1		2	2	2
	NOV.														
	DEC.	2	2	2	2	2	2	2	2	2	1				

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STATION	MONTH	DIRECTIONAL LOADINGS									PARTICLE IDENTIFICATION				
		N	NE	E	SE	S	SW	W	NW	AVG.		N	E	S	W
74	JAN.														
	FEB.														
	MAR.														
	APR.														
	MAY														
	JUNE														
	JULY	16	8	31	70	93	93	93	93	62	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.														
75	JAN.														
	FEB.														
	MAR.														
	APR.														
	MAY														
	JUNE														
	JULY	31	47	70	47	70	93	93	93	68	1	2	2	2	2
	AUG.	47	31	31	31	47	93	93	93	58	1	2	2	2	2
	SEPT.														
	OCT.														
	NOV.														
	DEC.														
76	JAN.	2	3	3	2	3	2	2	2	2	1				2
	FEB.	8	16	16	8	16	16	16	5	12	1	2	2	2	2
	MAR.	8	16	16	16	8	5	8	8	10	1	2	2	2	2
	APR.	16	8	16	8	16	47	70	70	31	1	2	2	2	2
	MAY	5	5	5	8	3	3	5	8	5	1	2	2		2
	JUNE	16	16	8	8	5	16	31	16	14	1	2	2	2	2
	JULY	16	3	3	3	5	16	47	47	17	1	2	2	2	2
	AUG.	3	3	5	5	16	47	47	16	18	1	2	2	2	2
	SEPT.	3	2	2	2	2	2	2	2	2	1	2			
	OCT.	8	16	16	3	3	3	3	3	7	1	2	2	2	2
	NOV.														
	DEC.	2	2	2	2	2	2	2	2	2	1				

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.	PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW		N	E	S	W
77	JAN.	2	3	16	31	31	8	3	2	12	1		2	2	2
	FEB.	2	3	31	47	47	16	3	2	19	1		2	2	2
	MAR.	8	16	16	16	16	5	5	5	11	1	2	2	2	2
	APR.	5	8	16	16	16	8	5	3	9	1	2	2	2	2
	MAY	5	5	8	31	31	16	5	5	13	1	2	2	2	2
	JUNE	5	5	8	31	31	16	5	5	13	1	2	2	2	2
	JULY	3	3	8	16	16	8	3	3	7	1	2	2	2	2
	AUG.	3	3	5	16	31	31	16	3	13	1	2	2	2	2
	SEPT.	2	2	2	2	3	5	3	2	2	1	2	2	2	2
	OCT.	2	3	5	16	8	3	2	2	5	1		2	2	
	NOV.														
	DEC.	5	16	31	31	8	5	5	5	13	1	3	3	2	3
78	JAN.	8	8	8	16	31	70	31	16	23	1	2	2	2	2
	FEB.														
	MAR.														
	APR.														
	MAY														
	JUNE	70	47	16	31	47	31	31	70	43	1	2	2	2	2
	JULY	16	5	8	31	31	16	16	31	19	1	2	2	2	2
	AUG.	47	31	8	31	47	31	16	31	30	1	2	2	2	2
	SEPT.	31	16	8	16	16	8	8	16	15	1	2	2	2	2
	OCT.	16	5	3	8	16	5	3	16	9	1	2	2	2	2
	NOV.														
	DEC.	2	3	5	8	31	16	5	5	9	1		2	2	2
79	JAN.														
	FEB.	3	2	2	2	2	2	2	2	2	1	2			
	MAR.	31	8	16	16	16	8	31	31	19	1	2	2	2	2
	APR.	70	16	8	8	3	16	70	93	35	1	2	2	2	2
	MAY	31	5	5	5	5	8	16	31	13	1	2	2	2	2
	JUNE	31	8	5	3	2	5	31	31	15	1	2	2	2	2
	JULY														
	AUG.	93	47	31	31	31	31	93	93	56	1	2	2	2	2
	SEPT.	47	47	8	8	16	16	16	47	25	1	2	2	2	2
	OCT.	3	2	2	2	2	2	2	5	2	1	2			
	NOV.														
	DEC.	3	3	3	5	5	3	3	3	4	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
80	JAN.	8	16	16	16	16	16	8	16	14	1	2	2	2	2
	FEB.	5	8	16	16	31	31	16	8	16	1	2	2	2	2
	MAR.	5	5	16	47	31	16	16	8	18	1	2	2	2	2
	APR.	5	5	16	31	31	31	16	8	18	1	2	2	2	2
	MAY	16	47	47	31	31	47	47	8	34	1	2	2	2	2
	JUNE	16	16	8	8	8	16	16	16	13	1	2	2	2	2
	JULY	16	31	8	3	8	8	5	5	10	1	2	2	2	2
	AUG.	5	5	5	3	8	16	16	16	9	1	2	2	2	2
	SEPT.	16	8	3	3	3	8	5	3	6	1	2	2	2	2
	OCT.	5	5	8	5	3	3	3	3	5	1	2	2	2	2
	NOV.														
	DEC.														
81	JAN.														
	FEB.														
	MAR.														
	APR.	5	16	5	3	5	5	5	3	6	1	2	2	2	2
	MAY	47	70	31	5	3	3	3	5	21	1	2	2	2	
	JUNE	16	31	31	8	3	5	3	3	12	1	2	2	2	2
	JULY	16	16	5	2	2	2	2	5	6	1	2	2		
	AUG.	8	16	8	5	3	3	2	3	6	1	2	2	2	
	SEPT.	16	31	16	2	2	2	2	2	9	1	2	2		
	OCT.	5	3	2	2	2	2	2	2	2	1	2		2	2
	NOV.														
	DEC.														
82	JAN.														
	FEB.	2	3	16	31	16	3	3	3	9	1		2	2	2
	MAR.	47	70	47	47	47	47	47	47	49	1	2	2	2	2
	APR.	16	31	47	70	70	70	31	16	44	1	2	2	2	2
	MAY	70	47	47	31	31	47	70	93	54	1	2	2	2	2
	JUNE	31	3	5	16	16	16	31	47	20	1	2	2	2	2
	JULY	16	8	8	16	16	16	31	31	17	1	2	2	2	2
	AUG.	16	8	8	8	8	8	16	16	11	1	2	2	2	2
	SEPT.	16	5	3	8	5	5	31	31	13	1	2	2	2	2
	OCT.	8	16	16	16	16	16	31	16	16	1	2	2	2	2
	NOV.														
	DEC.	5	16	16	16	5	2	3	3	8	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
	JAN.														
	FEB.	16	16	16	16	31	31	31	31	23	1	2	2	2	2
	MAR.	16	8	16	16	8	8	16	16	13	1	2	2	2	2
	APR.														
	MAY	31	16	31	31	31	31	47	47	33	1	2	2	2	2
83	JUNE	16	16	16	16	8	16	16	16	15	1	2	2	2	2
	JULY														
	AUG.														
	SEPT.	3	16	31	16	8	8	8	8	12	1	2	2	2	2
	OCT.														
	NOV.														
	DEC.	16	8	16	16	8	5	5	8	10	1	3	3	3	3
	JAN.	8	8	16	31	31	16	16	16	17	1	2	2	2	2
	FEB.	31	47	31	47	47	47	47	47	43	1	2	2	2	2
	MAR.	8	16	31	31	31	16	8	8	18	1	2	2	2	2
	APR.														
	MAY	31	16	16	16	3	16	31	47	22	1	2	2	2	2
84	JUNE														
	JULY	8	16	2	3	5	5	16	16	9	1	2	2	2	2
	AUG.	8	5	5	5	5	8	31	31	12	1	2	2	2	2
	SEPT.	8	3	3	3	3	5	8	16	6	1	2	2	2	2
	OCT.	2	2	3	5	8	16	8	8	6	1	2	2	2	2
	NOV.														
	DEC.	3	2	5	16	16	3	3	3	6	1	2	2	2	2
	JAN.	8	8	8	16	16	8	8	8	10	1			2	2
	FEB.	16	47	47	31	47	31	31	16	33	1	2	2	2	2
	MAR.	16	8	8	8	8	16	16	16	12	1	2	2	2	2
	APR.	31	31	31	70	70	47	47	70	49	1	2	2	2	2
	MAY	8	16	31	47	47	16	8	5	22	1	2	2	2	2
85	JUNE	16	16	16	16	31	47	47	31	27	1	2	2	2	2
	JULY	3	3	5	16	31	31	8	5	13	1			2	2
	AUG.	2	2	3	3	3	3	2	2	2	1	2	2	2	2
	SEPT.	16	16	16	16	8	8	8	8	12	1	2	2	2	2
	OCT.	3	3	3	16	31	31	16	16	15	1	2	2	2	2
	NOV.														
	DEC.	5	8	16	16	5	5	5	5	8	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS									PARTICLE IDENTIFICATION				
		N	NE	E	SE	S	SW	W	NW	AVG.		N	E	S	W
86	JAN.	16	8	16	16	8	8	31	31	16	1	2	2	2	2
	FEB.	8	8	8	8	16	16	8	3	9	1	2	2	2	2
	MAR.	16	16	16	3	3	8	16	8	10	1	2	2	2	2
	APR.	8	5	8	31	31	16	5	8	14	1	2	2	2	2
	MAY	2	3	31	70	70	16	2	2	24	1		2	2	
	JUNE														
	JULY														
	AUG.	2	2	2	3	3	2	2	2	2	1	2	2	2	2
	SEPT.														
	OCT.	3	3	16	31	31	8	8	5	13	1	2	3	2	2
	NOV.														
	DEC.	3	5	5	5	2	3	5	5	4	1	2	2		2
	JAN.	8	8	16	8	8	16	31	8	13	1	2	2	2	2
	FEB.	16	8	16	16	16	16	16	16	15	1	2	2	2	2
	MAR.	16	16	31	8	3	3	8	16	12	1	2	2		2
	APR.														
	MAY	31	31	47	93	93	70	8	5	47	1	2	2	2	2
87	JUNE	16	5	8	31	31	16	31	31	21	1	2	2	2	2
	JULY	8	8	8	47	70	47	5	5	25	1	2	2	2	2
	AUG.	5	5	8	31	70	47	5	5	22	1	2	2	2	2
	SEPT.														
	OCT.	2	3	31	70	47	16	8	8	23	1		2	2	2
	NOV.														
	DEC.	5	5	31	31	8	5	8	3	12	1	2	2	2	2
	JAN.	2	2	2	2	2	2	3	3	2	1				
	FEB.	2	2	2	2	2	2	3	3	2	1				2
	MAR.	16	16	5	3	2	5	16	16	10	1	2	2		2
	APR.	3	3	3	16	16	16	3	3	8	1	2	2	2	2
	MAY	2	16	47	47	16	2	2	2	16	1		2		
88	JUNE	3	2	3	16	31	16	16	5	11	1		2	2	2
	JULY														
	AUG.	8	3	3	5	5	3	2	2	4	1	2	2	2	2
	SEPT.	3	3	3	3	3	3	3	2	3	1	2	2	2	2
	OCT.	2	3	31	93	70	16	5	3	28	1		2	2	2
	NOV.														
	DEC.	2	2	2	2	2	2	2	2	2	1				

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
	JAN.	3	8	2	2	2	2	2	2	3	1				
	FEB.	8	8	8	8	16	16	8	3	9	1	2	2	2	2
	MAR.	31	16	8	8	16	31	31	47	23	1	2	2	2	2
	APR.	93	47	31	16	8	31	93	93	51	1	3	2	2	3
	MAY														
89	JUNE	8	16	8	16	16	16	16	8	13	1	2	2	2	2
	JULY														
	AUG.														
	SEPT.	5	5	5	8	47	93	93	31	36	1	2	2	2	2
	OCT.	70	93	70	8	5	31	16	8	37	1	2	2	2	2
	NOV.														
	DEC.														
	JAN.	70	8	8	8	8	8	16	70	24	1	2	2	2	2
	FEB.	47	31	3	3	3	5	8	31	16	1	3		2	2
	MAR.														
	APR.	16	5	8	31	93	93	31	16	37	1	2	2	2	2
	MAY	3	2	31	93	93	16	2	2	30	1		2	3	
90	JUNE	2	2	3	16	93	47	8	3	22	1		2	2	2
	JULY	2	2	2	3	16	31	16	5	9	1			2	2
	AUG.														
	SEPT.	16	3	8	31	31	5	8	16	15	1	2	2	2	2
	OCT.	93	70	5	5	16	16	16	93	39	1	3	2	3	2
	NOV.														
	DEC.	5	2	2	2	2	2	8	8	4	1	3			3
	JAN.	31	31	70	93	93	16	31	70	54	1	2	2	2	2
	FEB.	47	8	31	31	16	8	31	70	30	1	2	2	2	2
	MAR.	8	5	5	8	8	8	16	16	9	1	2	2	2	2
	APR.	16	8	16	47	93	93	93	70	54	1	2	2	2	2
	MAY	5	16	47	93	70	31	16	8	36	1	2	2	2	2
91	JUNE														
	JULY	5	16	70	70	31	5	3	3	25	1	2	2	2	2
	AUG.	2	5	16	16	16	5	2	2	8	1	2	2	2	2
	SEPT.	16	5	16	47	31	5	16	31	21	1	2	2	2	2
	OCT.	31	31	47	31	31	93	93	93	56	1	2	2	2	2
	NOV.														
	DEC.	16	5	3	3	3	5	8	16	7	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
	JAN.	93	93	70	16	3	3	3	70	44	1	3	3		
	FEB.	47	31	31	47	47	70	70	70	51	1	3	2	3	3
	MAR.	47	31	31	31	47	93	93	70	55	1	2	2	2	2
	APR.	70	31	31	47	70	70	93	93	63	1	2	2	2	2
	MAY	47	31	31	47	47	70	70	70	51	1	2	2	2	2
92	JUNE	47	31	16	16	31	47	47	47	35	1	2	2	2	2
	JULY	31	31	70	70	70	70	47	47	54	1	2	2	2	2
	AUG.	93	70	16	8	8	16	31	93	42	1	3	3	2	3
	SEPT.	70	93	93	93	93	93	62	47	80	1	3	3	3	3
	OCT.	93	70	47	31	16	16	47	70	48	1	2	2	2	2
	NOV.														
	DEC.	5	3	3	3	5	3	3	16	5	1	3	3	3	3
	JAN.	16	31	31	31	31	16	8	8	21	1	2	2	2	2
	FEB.														
	MAR.	47	31	31	16	16	31	93	93	45	1	2	2	2	2
	APR.	31	70	93	70	47	47	47	47	56	1	2	2	2	2
	MAY	47	47	47	47	70	70	93	93	64	1	2	2	2	2
93	JUNE														
	JULY	70	70	47	47	93	70	47	70	64	1	2	2	2	2
	AUG.	8	16	70	93	93	70	16	16	47	1	2	2	2	2
	SEPT.	31	31	47	93	93	93	47	31	58	1	2	2	2	2
	OCT.	70	70	31	31	31	16	16	70	42	1	2	2	2	2
	NOV.														
	DEC.	47	47	16	3	8	5	8	16	19	1	3	3	3	2
	JAN.	31	8	2	2	16	16	3	16	11	1	2		2	2
	FEB.	47	31	16	31	47	47	16	31	33	1	2	2	2	2
	MAR.	16	16	31	16	16	31	47	31	25	1	2	2	2	2
	APR.	16	5	8	16	16	31	47	47	23	1	2	2	2	2
	MAY	16	5	5	16	31	70	70	47	32	1	2	2	2	2
94	JUNE	31	8	5	5	3	16	47	47	20	1	2	2	2	2
	JULY	47	31	8	16	31	47	70	70	40	1	2	2	2	2
	AUG.	3	2	2	2	8	47	70	47	22	1	2	2	2	2
	SEPT.	8	2	2	2	2	8	47	47	14	1	2			2
	OCT.	31	16	16	3	5	31	70	47	27	1	2	2	2	2
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
	JAN.	8	16	16	16	31	31	31	16	20	1	2	2	2	2
	FEB.	8	5	16	31	31	31	31	31	23	1	2	2	2	2
	MAR.	31	8	8	31	31	31	31	31	25	1	2	2	2	2
	APR.	8	3	3	8	47	70	31	16	23	1	2	2	2	2
	MAY														
95	JUNE	47	31	31	31	47	70	70	70	49	1	2	2	2	2
	JULY	31	31	16	16	31	31	31	31	27	1	2	2	2	2
	AUG.	3	2	2	8	8	3	8	8	5	1	2	2	2	2
	SEPT.	31	16	5	16	31	16	16	31	20	1	2	2	2	2
	OCT.														
	NOV.														
	DEC.	3	2	5	5	5	5	5	3	4	1	2	2	2	2
	JAN.	8	8	16	70	70	70	31	16	36	1		2	2	2
	FEB.														
	MAR.	47	16	16	31	31	31	31	47	31	1	2	2	2	2
	APR.														
	MAY	31	16	47	47	47	47	47	47	41	1	2	2	2	2
96	JUNE	16	16	16	16	16	16	31	31	19	1	2	2	2	2
	JULY	8	8	16	31	31	31	16	16	19	1	2	2	2	2
	AUG.	5	8	16	47	47	47	47	16	29	1	2	2	2	2
	SEPT.	8	16	31	47	47	47	31	16	30	1	3	3	3	3
	OCT.	47	31	47	47	47	31	47	70	46	1	2	2	2	2
	NOV.														
	DEC.	47	16	16	31	31	31	16	16	25	1	3	2	3	3
	JAN.	2	2	2	3	16	16	3	2	5	1			2	2
	FEB.	5	8	5	16	47	31	2	2	14	1	2	2	2	
	MAR.	2	2	2	2	5	8	2	2	3	1			2	
	APR.	2	2	3	16	16	3	3	3	6	1		2	2	2
	MAY														
97	JUNE														
	JULY	2	2	3	16	16	3	2	2	5	1		2	2	
	AUG.														
	SEPT.	2	2	2	5	3	2	2	2	2	1			2	
	OCT.	8	5	5	8	8	3	8	8	7	1	2	2	2	2
	NOV.														
	DEC.	2	2	2	2	2	2	2	2	2	1				

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
98	JAN.													
	FEB.													
	MAR.	16	5	5	8	8	3	16	31	11	1	2	2	2	2
	APR.	70	31	16	31	47	93	93	93	59	1	3	2	3	3
	MAY	93	70	31	70	93	93	93	93	79	1	3	2	3	3
	JUNE														
	JULY														
	AUG.	47	47	47	47	47	47	31	31	43	1	2	2	2	2
	SEPT.	47	70	93	93	47	47	47	47	61	1	3	3	3	3
	OCT.	47	16	16	31	47	93	93	93	54	1	2	2	2	2
	NOV.														
	DEC.														
99	JAN.	8	8	8	3	3	16	16	2	8	1	2	2	2	2
	FEB.														
	MAR.	2	2	8	5	2	3	8	2	4	1		2		2
	APR.	47	47	47	93	93	93	93	70	73	1	3	3	3	3
	MAY	16	31	47	93	93	93	70	47	61	1	2	2	2	2
	JUNE	8	8	16	16	16	47	93	70	34	1	2	2	2	2
	JULY														
	AUG.	3	5	16	16	8	16	31	31	16	1		2	2	2
	SEPT.	8	8	16	31	31	31	31	16	21	1	2	2	2	2
	OCT.	70	93	93	93	31	93	93	93	82	1	3	3	3	3
	NOV.														
	DEC.	2	2	2	2	2	2	2	2	2	1				
101	JAN.	70	70	31	31	70	93	70	31	58	1	2	2	2	2
	FEB.	31	31	31	47	93	93	31	31	48	1	2	2	2	2
	MAR.														
	APR.	31	31	31	31	70	93	70	47	50	1	2	2	2	2
	MAY														
	JUNE														
	JULY	16	16	16	16	47	47	31	16	25	1	2	2	2	2
	AUG.														
	SEPT.	31	47	31	31	31	31	16	16	29	1	2	2	2	2
	OCT.	16	16	16	47	93	93	47	16	43	1	2	2	2	2
	NOV.														
	DEC.	16	8	5	5	31	31	8	5	14	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
102	JAN.	16	16	16	31	70	93	70	70	47	1	2	2	2	2
	FEB.	16	16	16	47	93	93	70	47	49	1	2	2	2	2
	MAR.	16	16	16	70	93	93	93	47	55	1	2	2	2	2
	APR.	16	31	31	70	93	93	93	70	62	1	3	3	3	3
	MAY														
	JUNE	31	31	31	47	93	93	70	47	55	1	2	2	3	2
	JULY														
	AUG.	8	8	16	16	16	8	5	16	11	1	2	2	2	2
	SEPT.	47	70	70	47	70	70	31	16	52	1	3	3	3	3
	OCT.														
	NOV.														
	DEC.	8	3	2	3	47	93	70	47	34	1	3	3	3	3
103	JAN.	8	3	31	31	8	16	31	31	20	1	2	2	2	2
	FEB.	31	31	16	16	16	31	70	47	32	1	2	2	2	2
	MAR.														
	APR.	16	16	47	70	47	47	47	47	42	1	2	2	2	2
	MAY	31	16	16	31	70	93	93	70	52	1	2	2	2	2
	JUNE	93	93	93	93	93	70	70	93	87	1	3	3	3	3
	JULY	8	16	47	70	70	93	70	16	48	1	2	2	2	2
	AUG.	2	16	70	70	8	2	2	2	21	1		2	2	
	SEPT.	93	93	93	93	16	3	16	93	62	1	3	3	3	3
	OCT.	16	8	31	93	47	70	93	93	56	1	2	2	2	2
	NOV.														
	DEC.	16	3	3	8	16	5	31	47	16	1	3	3	2	3
104	JAN.	3	3	3	2	2	2	2	2	2	1	2	2		
	FEB.														
	MAR.														
	APR.	8	8	8	8	8	8	3	3	7	1	2	2	2	2
	MAY	16	16	8	16	47	47	31	31	26	1	2	2	2	2
	JUNE	70	93	93	93	93	70	93	93	87	1	3	3	3	3
	JULY	16	5	8	16	31	47	70	70	33	1	3	3	3	3
	AUG.	31	70	47	31	16	16	5	8	28	1	2	2	2	
	SEPT.	93	31	16	3	8	93	93	93	54	1	3	3	3	3
	OCT.	8	16	8	8	31	47	31	31	22	1	2	2	2	2
	NOV.														
	DEC.	2	2	2	3	5	8	5	5	4	1			3	3

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
105	JAN. FEB.	31	70	31	16	31	62	70	31	43	1	2	2	2	2
	MAR. APR.	31	31	31	47	70	93	70	47	52	1	2	2	2	2
	MAY JUNE	93	93	93	93	93	70	70	93	87	1	2	2	2	2
	JULY	16	31	47	47	47	47	47	31	39	1	2	2	2	2
	AUG.	93	70	31	16	8	8	31	93	44	1	2	2	2	2
	SEPT. OCT.	70	47	31	31	47	47	93	93	57	1	2	2	2	2
	NOV. DEC.	16	16	16	47	93	93	93	31	50	1	3	2	3	2
106	JAN.	8	2	2	3	31	16	8	3	9	1	2		2	2
	FEB.	3	2	2	2	3	5	8	5	4	1	2		2	2
	MAR.	16	16	8	5	5	5	5	8	9	1	2	2	2	2
	APR.	31	31	3	3	16	16	8	8	14	1	2	2	2	2
	MAY	16	16	8	16	16	8	5	16	12	1	2	2	2	2
	JUNE	3	5	3	3	8	16	16	8	8	1	2	2	2	2
	JULY	16	16	16	16	16	16	8	16	15	1	2	2	2	2
	AUG.	2	2	2	2	2	3	3	2	2	1	2	2	2	2
	SEPT.	2	2	2	2	2	2	2	2	2	1				
	OCT.	2	2	2	2	3	2	2	2	2	1				
	NOV. DEC.	5	3	2	2	2	3	5	5	3	1	2		2	2
107	JAN.	3	2	2	8	31	31	8	2	11	1			2	2
	FEB.	3	2	2	8	16	16	5	5	7	1	2		2	2
	MAR.	5	2	3	5	8	8	8	5	6	1			2	2
	APR.	2	2	5	31	31	16	2	2	11	1		2	2	
	MAY	2	2	3	16	16	3	2	2	5	1		2	2	
	JUNE	5	2	2	8	8	2	2	2	4	1			2	
	JULY	2	2	8	16	16	5	3	2	6	1		2	2	
	AUG.														
	SEPT.	2	2	2	2	2	2	2	2	2	1				
	OCT.	2	2	2	2	2	2	2	2	2	1				
	NOV. DEC.	2	2	2	2	2	2	2	2	2	1				

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.		PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
108	JAN.	8	2	2	2	3	2	3	8	3	1				2
	FEB.	3	2	2	3	3	3	5	5	3	1				2
	MAR.	3	5	8	3	3	3	16	31	9	1	2	2	2	2
	APR.	2	2	5	8	5	3	2	2	3	1		2	2	
	MAY	5	2	2	8	5	2	2	2	3	1	2		2	2
	JUNE	5	2	2	2	2	2	5	5	3	1	2			2
	JULY	3	2	2	2	2	3	3	3	2	1	2			2
	AUG.														
	SEPT.	2	2	2	2	2	2	2	2	2	1				
	OCT.	3	3	2	2	2	3	3	3	3	1	2			2
	NOV.														
	DEC.	2	2	2	2	2	2	2	3	2	1				
109	JAN.	2	8	2	2	2	2	2	2	2	1				
	FEB.	5	3	2	2	2	2	2	2	2	1	2			
	MAR.	16	5	2	2	2	2	2	5	4	1	2			
	APR.	2	2	2	2	2	3	3	2	2	1				2
	MAY	5	8	2	2	2	3	2	3	3	1	2			2
	JUNE	5	5	2	2	2	5	3	2	3	1	2			
	JULY	3	2	2	2	2	2	2	2	2	1	2			
	AUG.	2	2	2	2	2	2	2	2	2	1				
	SEPT.	5	2	2	2	2	2	2	2	2	1				
	OCT.	3	2	2	2	2	2	2	2	2	1	2			
	NOV.														
	DEC.	3	2	2	2	2	2	2	2	2	1	3			
110	JAN.	2	2	2	8	8	2	3	2	3	1				
	FEB.	2	2	2	2	2	2	3	3	2	1				
	MAR.	3	2	2	2	2	2	5	5	3	1	2			2
	APR.	2	2	2	2	2	3	2	2	2	1	2	2	2	2
	MAY	2	2	2	2	2	2	2	2	2	1				
	JUNE	2	2	2	2	2	2	2	2	2	1				
	JULY	2	2	2	2	2	3	3	3	2	1				2
	AUG.														
	SEPT.	2	2	2	2	2	2	3	2	2	1				2
	OCT.	2	2	2	3	3	2	2	3	2	1			2	2
	NOV.														
	DEC.	2	2	2	2	2	2	2	2	2	1				

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
111	JAN.	16	3	8	31	31	70	70	31	32	1	2	2	2	2
	FEB.	31	31	31	16	31	31	16	31	27	1	2	2	2	2
	MAR.	31	16	8	8	5	16	31	31	18	1	2	2	2	2
	APR.	16	16	47	70	47	31	31	47	38	1	2	2	2	2
	MAY	31	16	16	31	31	16	16	31	23	1	2	2	2	2
	JUNE	16	5	16	31	31	31	31	31	24	1	2	2	2	2
	JULY	47	31	16	31	31	31	47	47	35	1	2	2	2	2
	AUG.	3	2	5	16	16	8	8	8	8	1	2	2	2	2
	SEPT.	16	3	3	16	8	8	16	16	10	1	2	2	2	2
	OCT.	8	5	5	8	8	5	5	8	7	1	2	2	2	2
	NOV.														
	DEC.	16	16	5	3	3	3	16	31	12	1	2	2	2	2
112	JAN.	31	16	16	16	31	31	16	31	23	1	2	2	2	2
	FEB.	31	16	8	5	8	8	16	31	15	1	2	2	2	2
	MAR.	31	31	16	16	31	31	31	47	29	1	2	2	2	2
	APR.	16	16	8	47	70	47	8	16	28	1	2	2	2	2
	MAY	47	47	31	47	70	47	47	47	47	1	2	2	2	2
	JUNE	31	16	16	16	31	31	47	70	32	1	2	2	2	2
	JULY	31	31	16	31	31	31	31	31	29	1	2	2	2	2
	AUG.	5	3	2	5	8	8	5	5	5	1	2		2	
	SEPT.	8	2	2	3	3	2	3	16	5	1	2	2	2	2
	OCT.	16	8	5	3	5	3	8	31	10	1	2	2	2	2
	NOV.														
	DEC.	16	16	16	8	8	5	5	16	11	1	2	2	2	2
113	JAN.	31	16	16	16	16	31	31	31	23	1	2	2	2	2
	FEB.	70	70	47	47	47	47	47	70	55	1	2	2	2	2
	MAR.	47	31	16	16	16	16	16	31	23	1	2	2	2	2
	APR.	16	16	16	31	31	31	31	31	25	1	2	2	2	2
	MAY	16	16	8	16	16	16	16	16	15	1	2	2	2	2
	JUNE	31	8	5	8	16	16	16	31	16	1	2		2	2
	JULY	31	16	16	16	31	31	31	31	25	1	2	2	2	2
	AUG.														
	SEPT.	16	16	16	8	16	16	8	16	14	1	2	2	2	2
	OCT.	16	8	8	8	8	8	5	8	8	1	2	2	2	2
	NOV.														
	DEC.	16	16	16	8	8	16	31	31	17	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
114	JAN.	16	8	3	3	3	16	16	31	12	1	2	2	2	2
	FEB.	31	16	3	2	2	2	5	31	11	1	2			2
	MAR.	8	16	16	3	3	3	3	3	7	1	2	2	2	2
	APR.	8	8	3	3	16	31	16	5	11	1	2	2	2	2
	MAY	8	16	16	31	31	31	16	16	20	1	2	2	2	2
	JUNE	31	16	3	5	8	16	16	31	16	1	2		2	2
	JULY	47	31	8	2	2	2	16	47	19	1	2	2		2
	AUG.	2	2	2	2	2	2	2	2	2	1				
	SEPT.	2	2	2	2	2	2	2	2	2	1				
	OCT.	2	5	2	2	2	2	2	2	2	1				
	NOV.														
	DEC.	5	5	5	3	2	3	2	2	3	1	3	2		
115	JAN.	70	8	8	8	2	2	3	70	21	1	2	2		2
	FEB.	16	16	8	5	8	16	8	8	10	1	2	2	2	
	MAR.	70	8	47	93	31	8	31	31	40	1	2	2	2	2
	APR.	3	16	47	31	5	2	3	3	14	1	2	2		2
	MAY	31	31	70	93	47	8	8	16	38	1	2	2		2
	JUNE	31	8	16	47	31	5	8	31	22	1	2	2	2	2
	JULY	3	8	70	93	70	8	3	3	32	1		2	2	
	AUG.														
	SEPT.	2	3	47	70	31	2	2	3	20	1	2	2	2	2
	OCT.	16	16	93	93	16	2	5	16	32	1	2	2	2	2
	NOV.														
	DEC.														
116	JAN.														
	FEB.														
	MAR.														
	APR.														
	MAY	31	47	70	70	47	47	47	47	50	1	2	2	2	2
	JUNE	47	70	93	93	93	70	70	47	73	1	2	3	3	3
	JULY														
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.	31	93	93	62	31	70	70	31	60	1	3	3	3	3

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
117	JAN.	31	31	31	31	16	8	70	70	36	1	2	2	2	2
	FEB.	31	16	16	31	47	47	70	70	41	1	2	2	2	2
	MAR.														
	APR.	16	16	93	93	70	8	8	16	40	1	2	2	2	2
	MAY	31	70	93	70	8	8	16	16	39	1	2	2	2	2
	JUNE														
	JULY	16	70	93	93	70	16	47	47	56	1	2	3	3	2
	AUG.	5	16	70	70	47	2	3	3	27	1	2	2	2	2
	SEPT.	3	5	47	93	47	5	5	3	26	1	2	2	2	2
	OCT.	16	47	93	93	47	3	3	16	40	1	2	2	2	2
	NOV.														
	DEC.														
118	JAN.	8	8	31	70	70	31	31	70	40	1	2	2	2	2
	FEB.	47	47	70	93	70	31	31	47	54	1	2	2	2	2
	MAR.														
	APR.	16	93	93	93	47	3	5	8	45	1	2	2	2	2
	MAY														
	JUNE												2	2	
	JULY	3	47	93	93	70	16	2	2	40	1	2	2	2	2
	AUG.	8	70	70	70	47	2	2	2	34	1	2	2	2	
	SEPT.	70	70	47	16	3	2	2	31	30	1	2	2	2	2
	OCT.	70	93	93	93	93	93	70	31	79	1	2	2	2	2
	NOV.														
	DEC.	70	16	47	47	16	70	93	93	56	1	3	3	3	3
120	JAN.	70	70	8	16	31	16	8	70	36	1	2	2	2	2
	FEB.	47	47	31	8	31	31	31	31	32	1	2	2	2	2
	MAR.														
	APR.	16	16	5	8	16	8	3	8	10	1	2	2	2	2
	MAY	31	31	31	31	3	5	16	8	19	1	2	2	2	2
	JUNE														
	JULY	5	3	5	16	31	16	5	3	11	1		2	2	2
	AUG.														
	SEPT.	8	8	2	3	3	3	3	3	4	1	2	2	2	2
	OCT.	21	10	5	0	14	0	5	0	10	1	2	2	2	2
	NOV.														
	DEC.	5	2	2	2	2	2	16	31	7	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.		PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
121	JAN.	16	16	31	31	31	31	16	8	22	1	2	2	2	2
	FEB.	3	3	2	3	3	2	2	2	2	1	2	2		
	MAR.	16	16	16	8	5	5	8	8	10	1	2	2	2	2
	APR.	2	3	3	5	3	2	2	2	3	1		2	2	
	MAY	2	2	2	2	2	2	2	2	2	1				
	JUNE														
	JULY														
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.														
122	JAN.	70	31	8	16	31	16	8	70	31	1	2	2	2	2
	FEB.	31	16	8	16	16	16	16	31	18	1	2	2	2	2
	MAR.	31	8	8	16	16	5	16	31	16	1	2	2	2	2
	APR.	5	5	5	8	8	16	16	8	9	1	2	2	2	2
	MAY	2	3	8	16	8	3	3	2	5	1		2	2	2
	JUNE														
	JULY	3	3	8	16	31	31	16	5	14	1	2	2	2	2
	AUG.	3	3	3	3	8	8	8	3	5	1	2	2	2	2
	SEPT.	3	5	5	8	5	3	3	3	5	1	2	2	2	2
	OCT.	8	3	3	5	5	3	2	3	4	1	2	2	2	
	NOV.														
	DEC.	16	16	8	8	8	8	16	16	12	1	2	2	2	2
123	JAN.	31	16	16	31	31	16	3	31	22	1	2	2	2	2
	FEB.	16	8	31	47	47	8	5	16	22	1	2	2	2	2
	MAR.	8	16	16	16	5	2	5	8	9	1	2	2		2
	APR.	2	3	8	31	16	2	2	2	8	1		2	2	
	MAY	8	16	31	16	8	5	3	5	11	1	2	2	2	2
	JUNE														
	JULY	2	2	2	5	3	2	2	2	2	1			2	
	AUG.	2	2	2	2	3	3	2	2	2	1	2	2	2	2
	SEPT.	2	2	2	2	2	2	2	2	2	1				
	OCT.	3	3	3	5	2	2	2	2	3	1		2	2	
	NOV.														
	DEC.	3	5	3	3	2	2	2	2	3	1	2	2		

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.		PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
124	JAN.	8	3	2	8	31	16	2	8	9	1	2		2	
	FEB.	8	16	16	5	8	8	8	8	9	1	2	2		2
	MAR.	5	3	8	3	2	2	5	8	4	1	2	2		2
	APR.	2	3	2	2	2	2	2	2	2	1				
	MAY	2	2	2	3	2	2	2	2	2	1	2			
	JUNE	2	2	2	2	2	2	2	2	2	1				
	JULY	2	2	2	2	3	3	2	2	2	1				2
	AUG.	2	2	2	3	2	2	2	2	2	1				
	SEPT.	2	3	3	2	2	2	2	2	2	1		2		
	OCT.	2	2	2	2	2	2	2	2	2	1				
	NOV.														
	DEC.	2	2	3	3	2	2	2	2	2	1		2		
125	JAN.	70	2	3	31	70	70	70	93	51	1	2		2	2
	FEB.	16	8	8	16	8	16	16	31	15	1	2	2	2	2
	MAR.	16	8	16	16	8	5	8	31	13	1	2	2	2	2
	APR.	31	31	31	70	70	31	8	31	38	1		2	2	2
	MAY	3	5	16	16	8	2	2	3	7	1				
	JUNE												2	2	
	JULY	2	2	16	70	70	8	2	2	21	1		2	2	2
	AUG.	2	2	5	16	8	3	2	2	5	1		2	2	
	SEPT.	2	8	16	16	3	2	2	2	6	1		2	2	
	OCT.	3	5	31	93	31	5	3	3	22	1	2	2	2	2
	NOV.														
	DEC.	3	8	16	16	16	16	8	3	10	1	3	3	3	3
126	JAN.	70	70	70	70	70	70	70	70	70	1	3	2	3	3
	FEB.														
	MAR.	3	3	3	5	3	16	62	31	16	1	2	2	2	2
	APR.	5	3	16	93	93	70	93	16	49	1	2	2	2	2
	MAY	3	5	31	70	47	5	3	5	21	1	2			
	JUNE												3	3	
	JULY	2	2	5	31	70	47	8	2	21	1		3	3	
	AUG.	31	16	47	47	16	8	2	16	22	1	3	3	3	3
	SEPT	2	8	16	70	47	2	2	2	18	1		2	2	
	OCT.	8	3	2	16	47	16	8	16	14	1	3		3	3
	NOV.														
	DEC.	3	8	8	5	3	3	3	3	5	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
127	JAN.	70	70	70	70	70	70	31	70	65	1	2	2	2	2
	FEB.	16	16	16	8	31	31	16	31	20	1	2	2	2	2
	MAR.	47	47	31	31	70	47	70	93	54	1	2	2	2	2
	APR.	31	16	8	70	93	31	16	16	35	1	2	2	2	2
	MAY	16	16	16	31	31	16	8	16	18	1	2	2	2	2
	JUNE	16	8	8	70	93	70	16	8	36	1	2	2	2	2
	JULY	5	3	3	31	70	47	3	3	21	1	2	2	2	2
	AUG.	3	5	5	5	8	5	2	2	4	1	2	2	2	2
	SEPT.	93	93	93	47	70	31	16	31	59	1	3	3	3	3
	OCT.	16	16	8	47	93	93	31	31	42	1	2	2	3	2
	NOV.														
	DEC.	8	3	3	3	3	3	5	5	4	1	2	2	2	2
128	JAN.	31	31	31	70	93	93	70	16	54	1	2	2	2	2
	FEB.	31	8	8	8	16	31	31	31	20	1	2		2	2
	MAR.	16	8	5	8	16	16	8	8	10	1	2	2	2	2
	APR.	31	8	3	8	31	31	8	16	17	1	2	2	2	2
	MAY	16	2	2	5	16	16	16	16	11	1	2		2	2
	JUNE	8	3	2	3	8	16	8	8	7	1	2		2	2
	JULY	2	2	2	3	8	16	8	5	6	1			2	2
	AUG.	2	2	2	5	5	5	5	3	4	1	2	2	2	2
	SEPT.	31	31	31	31	16	8	3	16	21	1	2	2	2	2
	OCT.	16	5	5	5	5	31	31	16	14	1	2	2	2	2
	NOV.														
	DEC.	2	3	5	3	2	2	3	2	3	1		2		2
129	JAN.														
	FEB.	8	3	16	16	31	31	16	16	17	1	2	2	2	2
	MAR.	5	5	16	16	16	16	16	8	12	1	2	2	2	2
	APR.	8	8	8	16	8	8	3	3	8	1	2	2	2	2
	MAY	5	8	31	31	3	3	8	8	12	1		2	2	2
	JUNE	3	5	31	47	31	16	16	8	19	1	2	2	2	2
	JULY														
	AUG.	2	2	3	5	5	5	2	2	3	1	2	2	2	2
	SEPT.	70	70	31	31	16	16	31	31	37	1	2	2	2	2
	OCT.	5	5	5	5	8	8	5	5	6	1	2	2	2	2
	NOV.														
	DEC.	5	5	5	3	3	3	3	3	4	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
130	JAN.	3	2	2	2	3	2	2	2	2	1	2	2	2	
	FEB.	8	6	5	8	3	2	2	2	5	1				
	MAR.											2	2	2	
	APR.	8	31	16	3	3	2	2	2	8	1				
	MAY											2	2	2	2
	JUNE	3	3	5	5	5	5	5	5	5	1				
	JULY											2	2	2	2
	AUG.	2	2	2	2	2	2	2	2	2	1				
	SEPT.											1	1	1	1
	OCT.	8	16	16	16	16	31	47	31	22	1				
	NOV.														
	DEC.														
131	JAN.	8	8	3	3	8	31	31	16	13	1	2	2	2	2
	FEB.	5	3	3	2	8	16	31	31	12	1	2		2	2
	MAR.	8	8	8	8	8	8	8	16	9	1	2	2	2	2
	APR.	8	5	5	8	31	31	31	8	16	1	2	2	2	2
	MAY	8	16	16	16	16	5	3	3	10	1	2	2	2	2
	JUNE	2	3	3	5	3	3	5	3	3	1	2	2	2	2
	JULY	8	5	5	5	8	16	16	16	10	1	2	2	2	2
	AUG.	3	3	2	3	5	8	3	2	4	1	2			
	SEPT.	3	2	2	2	2	2	2	2	2	1	2	2		
	OCT.	3	8	5	2	2	2	2	3	3	1				
	NOV.														
	DEC.	5	8	8	5	5	5	8	8	7	1	2	3	3	3
132	JAN.	70	16	8	8	8	31	70	70	35	1	2	2	2	2
	FEB.	31	16	16	16	8	31	47	47	26	1	2	2	2	2
	MAR.	16	8	8	8	5	8	16	16	10	1	2	2	2	2
	APR.	31	31	31	31	31	31	31	31	31	1	2	2	2	2
	MAY														
	JUNE	3	8	5	5	3	3	5	8	5	1	2	2	2	2
	JULY														
	AUG.	8	5	5	5	5	16	16	16	9	1	2	2	2	2
	SEPT.	3	5	5	3	3	8	16	8	6	1	2	2	2	2
	OCT.	5	5	8	8	3	5	3	3	5	1				
	NOV.											2	2	2	2
	DEC.	8	5	5	5	16	31	70	31	21	1				

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
133	JAN.	8	16	16	8	8	8	8	3	9	1	2	2	2	2
	FEB.	8	8	5	2	3	8	16	5	7	1	2	2	2	2
	MAR.														
	APR.	2	2	2	2	2	2	2	2	2	1				
	MAY	5	8	8	5	3	3	3	3	5	1		2	2	
	JUNE														
	JULY														
	AUG.														
	SEPT.	3	5	5	2	2	2	2	2	3	1	2	2		
	OCT.														
	NOV.														
	DEC.	8	8	3	5	5	8	5	16	7	1	3	3	3	3
134	JAN.	16	16	8	8	16	16	16	31	16	1	2	2	2	2
	FEB.	5	5	5	8	8	8	8	8	7	1	2	2	2	2
	MAR.	16	16	16	5	3	5	8	16	10	1	2	2	2	2
	APR.	31	16	16	8	8	8	16	31	16	1	2	2	2	2
	MAY	47	47	16	16	8	16	31	47	28	1	2	2	2	2
	JUNE	31	31	16	8	5	8	8	16	15	1	2	2	2	2
	JULY	2	5	5	5	3	2	2	2	3	1		2	2	
	AUG.	2	2	2	3	8	2	2	2	3	1	2	2	2	2
	SEPT.	16	31	8	3	2	2	3	8	9	1	2	2	2	
	OCT.	93	70	47	31	31	16	31	47	46	1	2	2	2	2
	NOV.														
	DEC.	16	16	16	16	31	31	47	31	25	1	2	2	2	2
135	JAN.	70	70	31	31	31	31	70	31	46	1	2	2	2	2
	FEB.	47	31	31	31	31	31	47	47	37	1	2	2	2	2
	MAR.	16	16	16	16	16	16	16	16	16	1	2	2	2	2
	APR.	47	70	47	47	16	3	3	3	29	1	2	2	2	2
	MAY	31	47	47	31	8	8	16	16	25	1	2	2	2	2
	JUNE	8	8	16	16	8	5	5	5	9	1	2	2	2	2
	JULY	5	8	16	16	16	8	8	8	10	1	2	2	2	2
	AUG.	8	8	2	2	2	2	2	3	3	1	2	2	2	2
	SEPT.	3	5	3	3	3	2	2	2	3	1	2	2	2	
	OCT.	47	47	31	16	3	2	3	3	19	1	2	2	2	2
	NOV.														
	DEC.	16	31	31	31	31	16	8	16	22	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
	JAN.														
	FEB.	31	8	8	8	16	16	47	47	22	1	2	2	2	2
	MAR.	16	8	8	8	8	31	47	47	21	1	2	2	2	2
	APR.														
	MAY														
136	JUNE														
	JULY														
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.														
	JAN.	31	16	16	31	70	16	31	31	30	1	2	2	2	2
	FEB.														
	MAR.	70	70	47	31	31	31	47	47	47	1	2	2	2	2
	APR.	93	93	70	70	47	47	47	70	67	1	2	2	2	2
	MAY	31	31	47	93	93	93	70	47	63	1	2	2	2	2
137	JUNE	47	31	47	70	70	93	70	47	59	1	2	2	2	2
	JULY	16	16	31	31	47	47	16	16	27	1	2	2	2	2
	AUG.	31	16	31	31	70	93	70	47	48	1	2	2	2	2
	SEPT.	31	3	3	16	16	31	31	31	20	1	2	2	2	2
	OCT.	8	8	31	31	31	47	31	16	25	1	2	2	2	2
	NOV.														
	DEC.	3	5	16	8	3	2	8	16	7	1	2	2	2	2
	JAN.	8	16	16	8	8	16	16	2	11	1	2	2		2
	FEB.	3	8	3	5	16	47	16	3	12	1			2	2
	MAR.	5	5	8	31	47	31	3	8	17	1	2	2	2	2
	APR.														
	MAY														
138	JUNE														
	JULY														
	AUG.														
	SEPT	16	16	16	31	16	16	8	8	16	1	2	2	2	2
	OCT.														
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
139	JAN.														
	FEB.														
	MAR.	3	5	16	16	8	3	3	2	7	1		2	2	2
	APR.														
	MAY														
	JUNE														
	JULY	3	8	16	3	3	16	8	2	7	1		2	2	2
	AUG.	2	3	3	16	16	16	8	2	8	1	2	2	2	2
	SEPT.														
	OCT.														
	NOV.														
	DEC.	2	2	3	5	3	3	3	2	3	1		2	2	2
140	JAN.	16	16	16	16	31	31	31	31	23	1	2	2	2	2
	FEB.	16	16	16	16	31	31	31	31	23	1	2	2	2	2
	MAR.	31	16	16	16	8	8	16	16	16	1	2	2	2	2
	APR.	8	16	16	16	16	16	5	5	12	1	2	2	2	2
	MAY	8	8	16	16	16	16	16	8	13	1	2	2	2	2
	JUNE	16	16	8	8	16	16	16	16	14	1	2	2	2	2
	JULY	5	5	3	3	8	16	8	8	7	1	2	2	2	2
	AUG.	5	3	3	3	5	5	5	5	5	1	2	2	2	2
	SEPT.	3	5	3	3	8	16	16	16	9	1	2	2	2	2
	OCT.	5	3	5	3	3	5	3	3	4	1	2	2	2	2
	NOV.														
	DEC.	5	8	5	5	8	5	3	3	5	1	2	2	2	2
141	JAN.	31	31	8	8	16	16	3	16	16	1	2	2	2	2
	FEB.	16	5	3	8	8	8	5	8	8	1	2		2	2
	MAR.	31	8	3	5	8	3	8	31	12	1	2	2	2	2
	APR.	3	3	2	5	31	31	5	2	10	1	2		2	
	MAY	3	2	5	31	47	31	16	8	18	1		2	2	2
	JUNE	3	2	2	2	2	2	2	2	2	1				
	JULY														
	AUG.	3	3	2	2	3	16	8	3	5	1	2	2	2	2
	SEPT.	16	8	2	2	2	2	2	8	5	1	2			
	OCT.	5	5	2	3	5	3	2	3	4	1	2		2	
	NOV.														
	DEC.	8	3	3	5	5	2	3	5	4	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
	JAN.	16	8	3	3	3	8	8	8	7	1	2	2		2
	FEB.														
	MAR.	8	5	5	5	5	8	16	16	9	1	2	2	2	2
	APR.	2	2	3	5	5	8	3	2	4	1	2	2	2	2
	MAY	8	5	3	8	16	16	16	16	11	1	2	2	2	2
142	JUNE	8	5	2	2	2	2	2	3	3	1	2			
	JULY	16	16	5	8	8	16	16	16	12	1	2	2	2	2
	AUG.	2	2	2	2	2	2	2	2	2	1	2	2	2	2
	SEPT.	5	3	2	2	2	2	2	3	2	1	2			
	OCT.	8	3	3	3	2	2	2	2	3	1	2	2		
	NOV.														
	DEC.	8	8	3	3	2	3	16	16	7	1	2	2		2
	JAN.	31	16	8	31	31	31	31	31	26	1	2	2	2	2
	FEB.														
	MAR.	16	16	62	62	62	62	78	78	54	1	2	2	2	2
	APR.	8	16	47	47	47	31	31	16	30	1	2	2	2	2
	MAY	16	16	31	47	47	31	47	47	35	1	2	2	2	2
143	JUNE	31	31	16	16	16	16	31	31	23	1	2	2	2	2
	JULY														
	AUG.	8	16	70	70	31	8	8	8	27	1	2	2	2	2
	SEPT.	31	31	31	16	8	8	16	31	21	1	2	2	2	2
	OCT.	47	47	47	31	16	16	16	31	31	1	2	2	2	2
	NOV.														
	DEC.	3	5	8	3	5	16	16	16	9	1	2	2	2	2
	JAN.	8	3	2	2	2	3	70	70	20	1	2			2
	FEB.	3	2	2	2	2	2	5	31	6	1				2
	MAR.	3	8	16	5	8	2	2	2	6	1	2	2	2	2
	APR.	2	2	2	2	2	16	5	2	4	1				2
	MAY	16	31	16	31	70	47	31	31	34	1	2	2	2	2
144	JUNE														
	JULY	2	2	16	16	3	16	31	5	11	1		2	2	2
	AUG.														2
	SEPT.	2	2	2	2	2	3	3	3	2	1				
	OCT.	2	5	93	93	3	3	5	5	26	1		2	2	2
	NOV.														
	DEC.	8	2	2	2	2	2	2	8	3	1	3			

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
145	JAN.	16	31	16	16	31	31	16	8	20	1	2	2	2	2
	FEB.	8	16	8	8	8	16	16	16	12	1	2		2	2
	MAR.	8	8	8	16	16	8	8	16	11	1	2	2	2	2
	APR.	2	2	16	31	16	16	16	5	13	1		2	2	2
	MAY	5	8	8	8	16	8	8	8	8	1	2	2	2	2
	JUNE	16	16	16	16	8	16	16	16	15	1	2	2	2	2
	JULY														
	AUG.	8	5	8	8	8	8	8	5	7	1	2	2	2	2
	SEPT.	16	16	8	16	5	5	5	5	9	1	2	2	2	2
	OCT.	8	16	5	5	3	5	5	3	6	1	2	2	2	2
	NOV.														
	DEC.	5	5	8	3	3	5	5	5	5	1	2	2	2	2
146	JAN.	31	31	31	31	31	31	31	70	36	1	2	2	2	2
	FEB.														
	MAR.	16	8	8	8	8	8	16	31	13	1	2	2	2	2
	APR.	31	31	31	47	70	70	47	47	47	1	2	2	2	2
	MAY	2	3	3	8	8	3	2	2	4	1		2	2	
	JUNE	16	8	8	8	8	5	8	16	9	1	2	2	2	2
	JULY	3	3	5	5	8	8	8	8	6	1		2	2	2
	AUG.	2	2	3	3	3	2	2	2	2	1	2	2	2	2
	SEPT.	5	3	3	3	3	3	3	8	4	1	2	2	2	2
	OCT.	8	8	5	8	5	5	5	8	7	1	2	2	2	2
	NOV.														
	DEC.	8	5	8	8	8	5	16	16	9	1	2	2	2	2
147	JAN.	70	70	70	70	93	93	70	70	76	1	2	2	2	2
	FEB.	8	5	5	8	16	16	16	8	10	1	2		2	2
	MAR.	31	16	16	16	16	8	16	16	16	1	2	2	2	2
	APR.	93	93	93	93	93	93	93	93	93	1	2	2	2	2
	MAY	8	16	31	31	31	16	8	5	18	1	2	2	2	2
	JUNE	8	8	8	31	47	70	47	16	29	1	2	2	2	2
	JULY	70	47	8	16	31	31	31	47	35	1	2	2	2	2
	AUG.	70	47	3	2	3	3	16	47	24	1	2			2
	SEPT.	31	16	16	31	31	31	16	31	25	1	2	2	2	2
	OCT.	16	16	16	16	16	8	8	8	13	1	2	2	2	2
	NOV.														
	DEC.	16	8	8	5	3	5	3	8	7	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
148	JAN.	16	16	16	31	31	31	8	16	20	1	2	2	2	2
	FEB.	5	16	31	31	31	16	5	5	18	1	2	2	2	2
	MAR.	16	5	5	3	5	16	16	16	10	1	2	2	2	2
	APR.	16	16	31	31	31	16	16	16	21	1	2	2	2	2
	MAY	16	5	5	5	8	8	8	16	9	1	2	2		
	JUNE	8	8	5	2	2	2	3	8	5	1	?	2	2	2
	JULY	5	2	2	16	16	31	31	16	15	1	2			2
	AUG.	5	2	2	2	2	3	8	8	4	1				2
	SEPT.	2	2	2	2	2	3	5	3	2	1				
	OCT.	8	3	2	2	2	2	2	2	3	1	2			
	NOV.														
	DEC.	31	16	8	8	31	31	16	31	21	1	2	2	2	2
149	JAN.	31	70	70	70	93	93	93	70	74	1	2	2	2	2
	FEB.	70	70	70	70	70	93	93	70	76	1	2	2	2	2
	MAR.														
	APR.														
	MAY														
	JUNE	93	93	93	70	70	70	70	93	81	1	2	2	2	2
	JULY														
	AUG.	47	16	31	47	47	70	70	70	49	1	2	2	2	2
	SEPT.	70	93	93	93	93	93	93	93	90	1	2	2	2	2
	OCT.	8	16	47	93	93	70	31	16	47	1	2	2	2	2
	NOV.														
	DEC.														
150	JAN.	16	16	16	16	16	70	70	31	31	1	2	2	2	2
	FEB.	16	31	47	47	8	8	16	8	22	1	2	2		2
	MAR.	16	8	5	3	2	5	16	16	9	1	2	2	2	2
	APR.	16	16	16	8	8	16	16	16	14	1	2	2	2	2
	MAY														
	JUNE	31	31	31	47	47	47	70	47	44	1	2	2	2	2
	JULY	31	5	5	5	8	16	31	31	17	1	2	2	2	2
	AUG.	3	2	3	3	8	31	47	16	14	1	2	2	2	2
	SEPT.	8	8	3	5	16	31	31	16	15	1	2	2	2	2
	OCT.	8	8	5	5	8	31	31	16	14	1	2	2	2	2
	NOV.														
	DEC.	3	3	3	3	8	16	16	8	7	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
151	JAN.	31	16	16	70	70	31	8	31	34	1	2	2	2	2
	FEB.	47	47	47	70	70	47	31	47	50	1	2	2	2	2
	MAR.	31	31	16	16	47	31	16	16	25	1	2	2	2	2
	APR.	47	47	31	16	31	31	16	16	29	1	2	2	2	2
	MAY	47	31	31	47	70	47	31	47	44	1	2	2	2	2
	JUNE	31	31	16	31	47	47	31	16	31	1	2	2	2	2
	JULY	31	16	16	16	16	5	16	31	18	1	2	2	2	2
	AUG.	31	31	31	8	16	16	8	8	18	1	2	2	2	2
	SEPT.														
	OCT.	16	16	16	31	31	16	8	16	18	1	2	2	2	2
	NOV.														
	DEC.	16	8	5	16	8	3	5	8	9	1	2	2	2	2
152	JAN.														
	FEB.	31	31	16	31	31	31	31	31	29	1	2	2	2	2
	MAR.	16	16	31	31	31	16	16	8	20	1	2	2	2	2
	APR.	31	16	16	31	31	31	16	16	23	1	2	2	2	2
	MAY	70	70	47	70	70	47	47	47	58	1	2	2	2	2
	JUNE	47	47	47	70	70	47	47	47	52	1	2	2	2	2
	JULY	16	3	5	16	16	8	8	16	11	1	2	2	2	2
	AUG.	16	16	8	8	16	16	3	8	11	1	2	2	2	2
	SEPT.	16	8	3	5	16	16	16	5	10	1	2	2	2	2
	OCT.	8	3	8	31	31	16	3	3	13	1	2	2	2	2
	NOV.														
	DEC.	3	2	3	5	5	3	2	3	3	1	3	3	2	
153	JAN.														
	FEB.														
	MAR.	31	16	8	8	8	8	16	31	16	1	2	2	2	2
	APR.	31	16	16	16	16	16	16	31	19	1	2	2	2	2
	MAY	16	16	16	8	8	16	31	31	17	1	2	2	2	2
	JUNE	16	8	8	8	16	31	31	31	18	1	2	2	2	2
	JULY	16	8	5	2	3	8	16	16	9	1	2	2	2	2
	AUG.	5	5	5	8	5	5	8	8	6	1	2	2	2	2
	SEPT.	5	3	3	3	3	8	16	16	7	1	2	2	2	2
	OCT.	3	3	3	3	2	3	3	2	3	1	2	2		2
	NOV.														
	DEC.	16	5	5	3	3	3	16	31	10	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.		PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
154	JAN.	3	8	16	31	70	70	70	31	37	1		2	2	2
	FEB.	8	5	5	8	16	31	31	31	17	1	2		2	2
	MAR.	31	16	8	5	5	5	8	16	12	1	2	2	2	2
	APR.	31	31	16	31	47	47	47	31	35	1	2	2	2	2
	MAY	3	5	5	16	16	16	16	8	10	1	2	2	2	2
	JUNE	8	3	3	16	31	31	31	16	17	1	2	2	2	2
	JULY	16	5	8	16	16	31	31	31	19	1	2	2	2	2
	AUG.	31	16	16	16	8	8	16	31	17	1	2	2	2	2
	SEPT.	31	5	5	8	8	5	16	47	16	1	2	2	2	2
	OCT.	3	2	3	3	3	2	2	2	2	1	2	2	2	
	NOV.														
	DEC.	8	3	3	5	3	3	5	16	6	1	2	2	2	2
155	JAN.														
	FEB.	8	8	8	16	16	31	31	16	16	1	2	2	2	2
	MAR.	31	31	16	16	8	8	16	16	17	1	2	2	2	2
	APR.	16	16	16	16	31	31	31	31	23	1	2	2	2	2
	MAY	31	31	31	31	31	47	47	47	37	1	2	2	2	2
	JUNE	31	16	16	31	47	47	47	31	33	1	2	2	2	2
	JULY	31	31	31	16	31	31	31	16	27	1	2	2	2	2
	AUG.	8	8	8	3	3	8	8	8	7	1	2	2	2	2
	SEPT.	16	16	5	5	5	8	8	8	9	1	2	2	2	2
	OCT.	8	8	8	16	16	16	16	8	12	1	2	2	2	2
	NOV.														
	DEC.														
156	JAN.														
	FEB.	8	16	8	16	16	31	31	31	19	1	2	2	2	2
	MAR.														
	APR.														
	MAY														
	JUNE														
	JULY														
	AUG.														
	SEPT.	5	3	3	16	16	16	3	3	8	1	2	2	2	2
	OCT.	8	8	8	5	5	5	5	3	6	1	2	2	2	2
	NOV.														
	DEC.	8	3	3	5	3	5	16	16	7	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
157	JAN.	8	2	2	3	3	8	16	31	9	1	2			2
	FEB.	31	8	3	3	2	3	8	16	9	1	2	2		2
	MAR.	8	5	2	2	2	2	3	5	3	1	2		2	2
	APR.	5	5	5	3	8	16	16	5	8	1	2	2	2	2
	MAY	5	8	8	5	5	5	3	3	5	1	2	2		
	JUNE	2	2	2	2	2	2	2	2	2	1	2		2	
	JULY	3	2	2	2	2	2	2	2	2	1	2			
	AUG.														
	SEPT.	2	2	2	2	2	2	2	2	2	1				
	OCT.	2	2	2	2	2	2	2	2	2	1				
	NOV.														
	DEC.	8	2	2	2	3	5	8	8	5	1	2		2	2
158	JAN.	8	16	16	16	31	31	31	8	19	1	2	2	2	2
	FEB.	16	16	16	31	31	47	31	8	24	1	2	2	2	2
	MAR.	16	31	5	3	3	8	8	5	10	1	2	2	2	2
	APR.	5	5	5	8	16	16	16	8	10	1	2	2	2	2
	MAY	16	16	16	8	8	5	5	5	10	1	2	2	2	2
	JUNE	5	5	8	16	16	16	16	8	11	1	2	2	2	2
	JULY	8	2	2	2	5	16	8	8	6	1	2		2	2
	AUG.	2	2	2	2	3	3	5	5	3	1	2		2	2
	SEPT.	2	2	5	3	3	2	2	2	2	1		2	2	2
	OCT.	5	8	5	3	5	5	3	3	5	1	2	2	2	2
	NOV.														
	DEC.	16	31	16	5	3	3	5	5	11	1	2	2	2	2
159	JAN.														
	FEB.														
	MAR.	31	31	31	31	47	54	54	54	42	1	2	2	2	2
	APR.														
	MAY														
	JUNE														
	JULY														
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
160	JAN.	3	2	3	8	16	16	31	31	14	1	2	2	2	2
	FEB.	31	8	8	8	16	31	31	47	22	1	2	2	2	2
	MAR.	8	5	5	8	8	16	31	31	14	1	2	2	2	2
	APR.	3	5	8	16	16	16	31	31	16	1	2	2	2	2
	MAY	31	16	16	16	16	16	16	31	19	1	2	2	2	2
	JUNE	16	5	8	16	16	8	16	31	14	1	2	2	2	2
	JULY	31	16	8	8	5	16	31	31	18	1	2	2		2
	AUG.														
	SEPT.	5	3	3	3	2	2	3	8	4	1	2	2	2	2
	OCT.	3	5	8	5	3	3	5	3	5	1	2	2	2	2
	NOV.														
	DEC.	3	3	3	3	3	5	5	3	4	1	2	2	2	2
161	JAN.	31	70	70	70	70	70	70	70	65	1	2	2	2	2
	FEB.	31	31	31	31	47	70	70	47	45	1	2	2	2	2
	MAR.														
	APR.	8	8	16	31	31	31	31	16	21	1	2	2	2	2
	MAY	31	31	31	31	47	70	93	47	47	1	2	2	2	2
	JUNE	31	31	47	47	70	70	70	47	51	1	2	2		2
	JULY														
	AUG.	31	47	16	3	2	2	2	3	13	1	2	2	2	2
	SEPT.	47	47	47	47	31	16	31	47	39	1	2	2	2	2
	OCT.	16	16	16	16	16	16	8	3	13	1	2	2	2	2
	NOV.														
	DEC.														
163	JAN.														
	FEB.	31	47	5	2	8	16	16	16	17	1	2	2	2	2
	MAR.	8	3	2	3	5	8	16	8	6	1	2		2	2
	APR.	16	3	5	47	47	31	16	31	24	1	2	2	2	2
	MAY	31	47	31	31	70	70	31	31	43	1	2	2	2	2
	JUNE	31	16	16	47	70	47	16	31	34	1	2	2	2	
	JULY	31	31	16	8	8	8	5	8	14	1	2	2	2	2
	AUG.	5	5	3	8	31	70	70	31	28	1	2	2	2	2
	SEPT	93	70	5	31	70	93	93	93	68	1	2	2	2	2
	OCT.	16	16	8	5	16	31	31	16	17	1	2		2	
	NOV.														
	DEC.	8	2	2	8	5	2	2	16	5	1	2			

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
166	JAN.	3	2	3	2	2	8	16	16	6	1	2		2
	FEB.	8	16	31	31	31	16	5	5	17	1	2	2	2
	MAR.	16	3	2	2	2	2	5	16	6	1	2		2
	APR.	16	16	16	31	47	47	31	31	29	1	2	2	2
	MAY	16	16	16	16	31	47	31	31	25	1	2	2	2
	JUNE	16	16	16	47	47	70	70	47	41	1	2	2	2
	JULY													
	AUG.	5	5	3	2	16	31	31	8	13	1	2	2	2
	SEPT.	31	16	16	16	31	31	31	31	25	1	2	2	2
	OCT.	16	8	16	31	47	47	31	16	26	1	2	2	2
	NOV.													
	DEC.	5	5	5	3	3	3	16	16	7	1	2	2	2
167	JAN.													
	FEB.	31	31	31	31	31	31	31	31	31	1	2	2	2
	MAR.	31	8	5	3	5	8	16	31	13	1	2	2	2
	APR.	47	31	31	47	47	31	47	70	44	1	2	2	2
	MAY	47	8	16	47	47	16	16	47	30	1	2	2	2
	JUNE	47	47	8	16	31	31	16	16	26	1	2	2	2
	JULY	70	16	16	31	8	5	16	47	26	1	2	2	2
	AUG.	16	16	3	5	8	8	8	8	9	1	2	2	2
	SEPT.													
	OCT.													
	NOV.													
	DEC.	8	3	16	16	31	16	5	8	13	1	2	2	2
168	JAN.	8	2	2	2	31	31	31	16	15	1		2	2
	FEB.	5	8	3	2	31	31	31	3	14	1	2	2	2
	MAR.	2	2	2	2	2	5	5	16	4	1			
	APR.	16	16	3	16	70	93	47	16	34	1	2	2	2
	MAY	47	8	31	70	70	31	16	31	38	1	2	2	2
	JUNE	31	31	16	31	93	93	70	16	47	1	2	2	2
	JULY	16	16	16	31	31	8	5	8	16	1	2	2	2
	AUG.	5	5	2	3	16	16	16	5	8	1	2	2	2
	SEPT.	8	5	5	16	47	31	16	8	17	1	2	2	2
	OCT.	47	47	31	47	70	93	93	70	62	1	2	2	2
	NOV.													
	DEC.	5	5	5	16	31	31	16	8	15	1	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.	PARTICLE IDENTIFICATION				
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
169	JAN.	2	3	2	3	31	31	16	2	11	1			2	2
	FEB.	31	2	2	3	16	16	3	5	10	1	2		2	2
	MAR.	16	16	2	2	2	2	2	2	5	1	2			
	APR.														
	MAY	31	8	16	47	70	47	16	31	33	1	2	2	2	2
	JUNE	47	47	8	16	47	70	70	31	42	1	2	2	2	2
	JULY	31	5	3	5	8	8	8	31	12	1	2	2	2	2
	AUG.														
	SEPT.	31	16	2	16	47	31	16	47	25	1	2	2	2	2
	OCT.	8	3	3	5	31	47	16	8	15	1	2	2	2	2
	NOV.														
	DEC.	3	2	2	3	8	5	3	3	4	1	2		2	2
171	JAN.	31	31	31	31	31	31	70	70	41	1	2	2	2	2
	FEB.	8	5	2	3	3	5	5	16	6	1	2	2	2	2
	MAR.	31	31	31	31	31	47	47	47	37	1	2	2	2	2
	APR.														
	MAY														
	JUNE														
	JULY														
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.	8	2	2	2	2	2	16	16	6	1	3			2
172	JAN.	2	2	2	2	2	2	2	2	2	1				
	FEB.	3	8	8	3	2	2	2	2	3	1	2	2		2
	MAR.	2	2	2	2	2	2	2	2	2	1				
	APR.														
	MAY	5	8	5	3	2	3	3	3	4	1	2	2		
	JUNE	2	2	3	5	5	2	2	2	3	1			2	
	JULY	5	8	5	5	5	8	5	3	6	1	2	2	2	2
	AUG.														
	SEPT.	3	3	3	2	3	3	3	2	3	1	4	4	4	4
	OCT.	2	2	2	2	2	2	2	2	2	1				
	NOV.														
	DEC.	2	3	2	2	2	2	2	2	2	1				

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
173	JAN.	8	8	8	8	3	16	16	16	10	1	2	2	2	2
	FEB.														
	MAR.														
	APR.														
	MAY														
	JUNE														
	JULY														
	AUG.														
	SEPT.														
	OCT.	16	3	2	2	2	3	8	16	6	1	2			2
	NOV.														
	DEC.														
174	JAN.														
	FEB.														
	MAR.														
	APR.														
	MAY														
	JUNE														
	JULY														
	AUG.														
	SEPT.	31	31	31	31	31	16	3	3	22	1	2	2	2	2
	OCT.	8	8	8	16	5	5	8	16	9	1	2	2	2	2
	NOV.														
	DEC.														
175	JAN.														
	FEB.	3	8	5	2	3	3	2	3	4	1	2		2	2
	MAR.														
	APR.														
	MAY														
	JUNE	16	31	16	16	16	16	16	16	17	1	2	2	2	2
	JULY														
	AUG.	2	2	2	2	2	2	2	2	2	1	2	2	2	2
	SEPT.														
	OCT.														
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS									PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW	AVG.	N	E	S	W
176	JAN.													
	FEB.													
	MAR.													
	APR.													
	MAY													
	JUNE													
	JULY	2	2	1	3	2	2	2	2	2	1			
	AUG.													
	SEPT.	2	2	2	3	3	2	2	2	2	1	2	2	2	2
	OCT.	3	3	3	3	3	3	3	5	3	1	2	2	2	2
	NOV.														
	DEC.	2	2	2	2	2	2	3	2	2	1				2
177	JAN.	8	8	8	3	8	8	8	8	7	1	2		2	2
	FEB.	16	16	8	8	5	8	16	16	11	1	2	2	2	2
	MAR.														
	APR.	31	31	31	31	31	31	31	31	31	1	2	2	2	2
	MAY	70	31	31	31	31	31	47	93	46	1	2	2	2	2
	JUNE	31	16	16	31	47	47	31	31	31	1	2	2	2	2
	JULY	3	3	5	31	16	16	16	16	13	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.	8	5	3	5	3	3	8	16	6	1	2	2	2	2
	NOV.														
	DEC.	31	31	31	16	5	3	8	31	19	1	2	2	2	2
178	JAN.														
	FEB.														
	MAR.	31	47	31	16	16	31	31	31	29	1	2	2	2	2
	APR.	8	16	8	8	8	8	8	5	8	1	2	2	2	2
	MAY														
	JUNE														
	JULY														
	AUG.	5	5	5	3	2	3	3	3	4	1	2	2		2
	SEPT.	16	16	16	3	3	3	3	5	8	1	2	2	2	2
	OCT.	3	3	3	3	2	2	2	2	3	1	2	2		
	NOV.														
	DEC.	5	5	3	3	3	5	3	3	4	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
179	JAN.	2	8	16	3	2	3	2	2	4	1	2	2	2	2
	FEB.	2	2	2	3	2	3	2	2	2	1				2
	MAR.														
	APR.	2	2	2	2	2	2	2	2	2	1				
	MAY	16	2	5	16	3	3	5	16	8	1	2		2	2
	JUNE	16	5	5	8	31	16	16	16	14	1	2	2	2	2
	JULY	5	3	8	16	16	5	2	3	7	1	2		2	
	AUG.														
	SEPT.	2	2	2	2	2	2	3	2	2	1				2
	OCT.	2	2	2	2	5	3	3	2	2	1			2	2
	NOV.														
	DEC.	5	5	8	8	3	5	5	5	6	1	3	3	3	3
180	JAN.	16	16	16	8	8	31	31	31	19	1	2	2	2	2
	FEB.	8	8	8	5	3	8	8	8	7	1	2	2		2
	MAR.														
	APR.	16	5	3	5	5	8	8	16	8	1	2		2	2
	MAY	70	70	16	5	8	16	31	47	33	1	2	2	2	2
	JUNE	16	8	8	16	16	8	16	16	13	1	2	2	2	2
	JULY	8	5	3	2	2	2	2	3	3	1	2	2	2	2
	AUG.														
	SEPT.	2	2	2	2	2	2	2	2	2	1				
	OCT.	16	5	2	2	2	2	3	3	4	1	2		2	2
	NOV.														
	DEC.	16	8	5	5	3	3	3	16	7	1	2	2	2	2
181	JAN.														
	FEB.														
	MAR.	8	3	2	2	2	2	2	3	3	1	2			
	APR.	16	16	8	16	16	16	5	5	12	1	2	2	2	2
	MAY	31	31	8	16	31	16	8	16	19	1	2	2	2	2
	JUNE	8	8	5	3	16	31	16	8	12	1	2	2	2	2
	JULY	3	3	2	2	8	16	16	5	7	1	2	2	2	2
	AUG.														
	SEPT.	2	3	2	2	3	8	8	8	4	1	2	2	2	2
	OCT.	8	8	8	16	47	70	47	31	29	1	2	2	2	2
	NOV.														
	DEC.	2	3	3	3	8	5	2	2	3	1		2	2	

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.	PARTICLE IDENTIFICATION				
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
182	JAN.	16	8	8	16	31	31	16	16	17	1	2	2	2	2
	FEB.	31	31	31	31	31	31	16	31	29	1	2	2	2	2
	MAR.														
	APR.	16	8	16	47	47	47	16	16	26	1	2	2	2	2
	MAY	70	47	31	47	70	70	93	93	65	1	2	2	2	2
	JUNE	93	93	47	47	70	70	47	93	70	1				
	JULY	16	16	16	31	31	16	16	16	19	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.	16	31	16	16	31	31	16	16	21	1	2	2	2	2
	NOV.														
	DEC.	16	5	5	5	5	5	31	16	11	1	2	2	2	2
183	JAN.	16	16	2	3	8	8	16	31	12	1	2			2
	FEB.	47	47	16	8	16	8	8	31	22	1	2	2	2	2
	MAR.														
	APR.	8	8	5	16	70	93	31	16	31	1	2	2	2	2
	MAY	31	47	16	8	16	31	16	16	22	1	2	2	2	2
	JUNE	70	70	31	47	47	31	31	47	47	1	2	2	2	2
	JULY	8	8	5	5	16	8	5	8	8	1	2	2	2	2
	AUG.	2	2	2	2	5	8	5	3	3	1	2	2	2	2
	SEPT.														
	OCT.	31	31	8	8	16	31	47	47	27	1	2	2	2	2
	NOV.														
	DEC.														
184	JAN.	16	16	8	16	31	16	31	31	20	1	2	2	2	2
	FEB.	47	31	31	31	16	31	47	70	38	1	2	2	2	2
	MAR.	47	31	16	16	16	16	31	47	27	1	2	2	2	2
	APR.	31	31	31	31	70	47	47	47	42	1	2	2	2	2
	MAY	70	47	47	47	47	47	47	70	52	1	2	2	2	2
	JUNE	47	31	31	31	47	47	70	70	47	1	2	2	2	2
	JULY	16	16	8	16	16	16	31	31	18	1	2	2	2	2
	AUG.	5	3	5	8	16	16	8	5	8	1	2	2	2	2
	SEPT.	16	16	16	16	16	31	47	47	25	1	2	2	2	2
	OCT.	16	8	16	16	16	16	31	16	16	1	2	2	2	2
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
185	JAN.	8	2	2	8	8	8	31	31	12	1				2
	FEB.	31	31	16	31	16	8	2	16	19	1	2	2	2	
	MAR.	16	16	16	31	16	16	8	8	16	1	2	2	2	2
	APR.	16	8	5	5	5	47	47	47	22	1	2	2	2	2
	MAY	31	16	16	31	47	47	47	31	33	1	2	2	2	2
	JUNE	5	8	8	16	31	31	31	8	17	1	2	2	2	2
	JULY	5	5	8	5	16	31	16	5	11	1	2	2	2	2
	AUG.	2	2	2	2	8	16	16	5	6	1	2	2	2	2
	SEPT.	16	16	16	16	31	16	16	8	16	1	2	2	2	2
	OCT.	2	2	2	3	16	31	5	3	8	1		2	2	2
	NOV.														
	DEC.	8	8	3	3	5	5	3	3	5	1	2	2	2	2
186	JAN.	31	16	8	8	8	16	31	31	18	1	2			2
	FEB.	31	31	16	16	8	16	31	31	22	1	2	2	2	2
	MAR.	47	31	16	8	8	16	31	47	25	1	2	2	2	2
	APR.	16	5	5	16	16	16	8	16	12	1	2	2	2	2
	MAY	31	16	5	8	31	47	47	31	27	1	2	2	2	2
	JUNE	31	31	8	8	16	31	31	31	23	1	2	2	2	2
	JULY	31	8	16	31	31	16	31	31	24	1	2	2	2	2
	AUG.	8	5	3	3	8	16	16	8	8	1	2	2	2	2
	SEPT.	31	16	2	2	2	5	8	16	10	1	2			2
	OCT.	31	31	5	3	5	8	8	16	13	1	2	2	2	2
	NOV.														
	DEC.	16	3	3	3	3	8	31	47	14	1	2	2	2	2
187	JAN.	31	31	16	31	31	70	70	70	44	1	2	2	2	2
	FEB.	16	31	31	31	16	16	31	31	25	1	2	2	2	2
	MAR.	16	16	16	8	16	31	31	31	20	1	2	2	2	2
	APR.	8	16	16	31	31	47	47	16	26	1	2	2	2	2
	MAY														
	JUNE	16	16	16	31	31	31	31	16	23	1	2	2	2	2
	JULY	8	8	16	31	31	31	16	8	18	1	2	2	2	2
	AUG.	3	3	3	5	16	47	47	16	17	1	2	2	2	2
	SEPT.	16	16	16	16	16	31	16	16	17	1	2	2	2	2
	OCT.	16	8	16	31	16	8	16	16	16	1	2	2	2	2
	NOV.														
	DEC.	16	16	16	16	8	8	31	31	17	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
	JAN.	R	2	3	8	8	3	31	31	12	1	2		2	2
	FEB.	31	31	3	3	3	3	3	8	11	1	2		2	2
	MAR.	R	5	5	2	2	2	8	16	6	1	2	2		2
	APR.	R	16	31	31	31	8	3	5	17	1	2	2	2	2
	MAY	16	16	16	47	47	47	31	16	29	1	2	2	2	2
188	JUNE	5	5	5	8	8	5	5	3	6	1	2	2	2	2
	JULY	3	3	2	5	16	16	5	3	7	1	2	2	2	2
	AUG.	3	3	3	5	5	5	5	3	4	1	2	2	2	2
	SEPT.	R	3	8	8	8	8	8	8	7	1	2	2	2	2
	OCT.	5	3	3	3	3	8	16	5	6	1	2	2	2	2
	NOV.														
	DEC.	2	3	3	2	2	2	8	5	3	1		2		
	JAN.	2	2	2	2	3	16	31	16	9	1				2
	FEB.	5	16	2	2	2	3	3	2	4	1	2			
	MAR.	2	5	16	16	16	16	3	2	9	1		2	2	
	APR.	2	2	5	8	5	8	3	2	4	1		2	2	
	MAY	5	2	3	8	16	16	16	5	9	1		2	2	2
189	JUNE	5	8	16	16	16	16	8	3	11	1	2	2	2	2
	JULY														
	AUG.														
	SEPT.	16	5	8	31	16	16	8	16	14	1	2	2	2	2
	OCT.	2	2	5	8	3	2	2	2	3	1		2	2	
	NOV.														
	DEC.	3	2	2	2	2	2	2	3	2	1	2			
	JAN.	16	16	16	16	31	31	31	31	23	1	2	2	2	2
	FEB.	16	16	16	16	16	31	31	31	21	1	2	2	2	2
	MAR.														
	APR.	47	47	31	47	93	70	70	47	56	1	2	2	2	2
	MAY	47	47	31	47	70	93	70	47	56	1	2	2	2	2
190	JUNE	16	16	8	16	31	31	16	16	18	1	2	2	2	2
	JULY	31	16	5	16	31	31	16	16	20	1	2	2	2	2
	AUG.	5	5	3	16	47	31	8	3	15	1	2	2	2	2
	SEPT.	16	16	16	5	31	31	31	16	20	1	2	2	2	2
	OCT.	70	47	31	31	47	70	70	70	54	1	2	2	2	2
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
191	JAN.	31	31	70	70	70	70	70	70	60	1	2	2	2	2
	FEB.	31	31	31	16	16	16	31	31	25	1	2	2	2	2
	MAR.	31	16	16	16	31	31	47	31	27	1	2	2	2	2
	APR.	16	16	16	16	31	31	31	16	21	1	2	2	2	2
	MAY	16	16	16	31	70	70	70	47	42	1	2	2	2	2
	JUNE														
	JULY	8	3	3	8	31	47	31	5	17	1	2	2	2	2
	AUG.	5	5	8	16	47	47	16	5	19	1	2	2	2	2
	SEPT.	31	16	16	16	16	16	16	16	17	1	2	2	2	2
	OCT.	31	16	16	31	31	16	8	16	20	1	2	2	2	2
	NOV.														
	DEC.	16	16	16	16	16	8	16	16	15		2	2	2	2
192	JAN.														
	FEB.														
	MAR.														
	APR.	31	31	31	31	70	70	70	47	47	1	2	2	2	2
	MAY														
	JUNE														
	JULY	31	47	47	31	47	47	47	31	41	1	2	2	2	2
	AUG.	16	8	8	16	31	31	31	16	19	1	2	2	2	2
	SEPT.														
	OCT.	47	47	70	47	47	70	93	70	61	1	2	2	2	2
	NOV.														
	DEC.	16	16	31	31	31	47	93	70	42	1	2	2	2	2
193	JAN.	70	31	8	8	8	8	16	31	22	1	2	2	2	2
	FEB.														
	MAR.	47	8	16	8	8	16	31	47	22	1	2	2	2	2
	APR.	31	16	16	16	16	31	47	47	27	1	2	2	2	2
	MAY	93	70	47	47	47	70	93	93	70	1	2	2	2	2
	JUNE	47	31	16	31	31	31	31	47	33	1	2	2	2	2
	JULY	93	93	47	16	31	31	47	93	56	1	2	2	2	2
	AUG.	31	8	5	8	8	8	8	16	11	1	2	2	2	2
	SEPT.	93	70	8	8	8	47	70	93	49	1	2	2	2	2
	OCT.	93	93	31	3	8	16	47	93	48	1	2	2	2	2
	NOV.														
	DEC.	16	5	3	3	3	16	47	47	17	1	2	2	2	2

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(MONTHLY AVERAGES)

STATION	MONTH	DIRECTIONAL LOADINGS									PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW	AVG.	N	E	S	W
	JAN.													
	FEB.													
	MAR.													
	APR.													
	MAY													
194	JUNE	16	5	8	31	31	31	16	16	19	1	2	2	2	2
	JULY	16	5	2	8	31	31	16	16	15	1	2		2	2
	AUG.	3	3	2	3	8	16	16	8	7	1	2	2	2	2
	SEPT.	16	8	5	5	31	47	47	31	24	1	2	2	2	2
	OCT.	8	8	5	16	47	70	16	8	22	1	2	2	2	2
	NOV.														
	DEC.														
	JAN.														
	FEB.														
	MAR.														
	APR.														
	MAY	8	8	8	8	16	16	16	16	12	1	2	2	2	2
195	JUNE	31	16	5	8	16	16	16	31	17	1	2	2	2	2
	JULY	47	47	16	16	8	8	16	47	25	1	2	2	2	2
	AUG.														
	SEPT.	5	5	2	2	2	2	2	2	3	1	2			
	OCT.	5	2	3	5	2	2	2	3	3	1	2	2	2	
	NOV.														
	DEC.	16	5	3	3	3	3	2	16	6	1	2	2	2	
	JAN.	16	16	8	3	8	3	3	3	7	1	2	2	2	2
	FEB.	16	16	16	5	3	3	3	8	9	1	2	2	2	2
	MAR.	8	16	8	8	5	2	3	5	7	1	2	2	2	2
	APR.	47	16	16	16	3	3	16	31	18	1	2	2	2	2
	MAY	70	47	31	47	47	31	47	70	48	1	2	2	2	2
197	JUNE														
	JULY	16	3	3	5	5	8	16	16	9	1	2	2	2	2
	AUG.	16	3	2	2	2	3	5	8	5	1	2		2	2
	SEPT.	16	8	3	8	16	8	5	8	9	1	2	2	2	2
	OCT.	5	3	3	3	2	2	5	5	4	1	2	2		2
	NOV.														
	DEC.	16	16	8	3	3	3	3	5	7	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
198	JAN.	3	2	8	8	2	8	8	3	5	1	2	2	2	2
	FEB.	5	3	8	8	5	8	5	3	6	1	2	2		2
	MAR.	16	16	31	8	5	8	16	16	14	1	2	2	2	1
	APR.	8	8	70	70	5	8	16	31	27	1	2	2	2	2
	MAY	16	47	93	93	70	70	93	47	66	1	2	2	2	2
	JUNE	16	16	70	93	70	93	93	70	65	1	2	2	2	2
	JULY	8	31	47	47	47	47	47	16	36	1	2	2	2	2
	AUG.	5	8	31	47	47	47	47	47	35	1	2	2	2	2
	SEPT.	3	47	93	93	47	16	31	31	45	1	2	2	2	2
	OCT.	8	8	31	31	16	31	31	16	21	1	2	2	2	2
	NOV.														
	DEC.	3	2	31	47	8	8	8	8	14	1	2	2	2	2
199	JAN.	8	8	3	3	3	3	3	16	6	1	2	2	2	2
	FEB.	8	8	16	16	8	8	8	8	10	1	2	2	2	2
	MAR.	8	8	16	8	16	16	16	8	12	1	2	2	2	2
	APR.	16	16	16	31	47	47	31	31	29	1	2	2	2	2
	MAY	47	47	47	47	70	70	47	47	52	1	2	2	2	2
	JUNE														
	JULY														
	AUG.	5	5	5	16	16	16	8	5	9	1	2	2	2	2
	SEPT.	16	16	31	31	31	31	16	8	22	1	2	2	2	2
	OCT.														
	NOV.														
	DEC.	8	8	8	16	16	16	8	8	11	1	2	3	3	3
200	JAN.	3	3	8	16	3	8	70	70	22	1	2	2	2	2
	FEB.														
	MAR.														
	APR.	93	93	93	93	93	93	93	93	93	1	2	2	2	2
	MAY	93	47	70	70	70	70	93	93	76	1	2	2	2	2
	JUNE	70	47	31	47	70	93	93	93	68	1	2	2	2	2
	JULY	31	31	16	31	31	31	47	31	31	1	2	2	2	2
	AUG.	8	8	8	31	47	31	16	8	19	1	2	2	2	2
	SEPT.	16	31	31	47	31	31	31	31	31	1	2	2	2	2
	OCT.	8	8	16	16	31	31	47	47	25	1	2	2	2	2
	NOV.														
	DEC.	16	8	5	5	5	31	70	47	23	1	3	3	3	3

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.	PARTICLE IDENTIFICATION				
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
201	JAN.	8	8	8	8	8	8	8	8	8	1	2	2	2	2
	FEB.														
	MAR.	2	5	16	8	16	16	5	2	9	1		2	2	2
	APR.														
	MAY														
	JUNE														
	JULY	70	70	31	47	70	47	70	70	59	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.	47	47	47	93	93	93	70	31	65	1	2	2	2	2
	NOV.														
	DEC.														
202	JAN.	3	2	8	8	2	2	3	16	5	1	2	2	2	2
	FEB.														
	MAR.	31	3	3	8	5	3	5	31	11	1	2	2	2	2
	APR.	8	16	47	47	31	31	47	31	32	1	2	2	2	2
	MAY														
	JUNE														
	JULY														
	AUG.														
	SEPT.														
	OCT.	47	31	16	47	93	70	47	47	49	1	2	2	2	2
	NOV.														
	DEC.	3	2	3	5	3	3	3	3	3	1	2	2	2	2
203	JAN.	16	3	3	8	2	2	16	31	10	1	2	2	2	2
	FEB.	5	5	8	16	16	8	16	16	11	1	2	2	2	2
	MAR.	3	8	5	16	5	2	2	3	5	1	2	2	2	
	APR.	31	16	16	31	16	16	47	70	30	1	2	2	2	2
	MAY	31	31	47	47	47	16	8	16	30	1	2	2	2	2
	JUNE	47	16	16	16	31	47	93	93	45	1	2	2	2	2
	JULY	8	16	31	16	5	8	16	16	14	1	2	2	2	2
	AUG.	2	2	5	16	5	3	2	2	4	1		2	2	
	SEPT.														
	OCT.	5	5	31	70	47	31	70	47	38	1	2	2	2	2
	NOV.														
	DEC.	2	2	2	3	3	2	2	2	2	1			2	

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.		PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
204	JAN.														
	FEB.	2	2	2	2	2	2	2	3	2	1				
	MAR.	8	5	5	3	2	2	2	3	4	1	2	2		
	APR.	5	5	16	47	31	3	8	16	16	1	2	2	2	2
	MAY	3	3	8	31	70	8	2	2	16	1		2	2	
	JUNE	31	16	2	2	5	5	16	31	13	1	2	2	2	2
	JULY	2	2	2	31	16	3	2	2	7	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.	2	2	3	31	31	3	3	3	10	1		2	2	2
	NOV.														
	DEC.	2	2	2	2	2	2	2	2	2	1				
205	JAN.														
	FEB.	70	31	31	31	31	31	31	70	41	1	2	2	2	2
	MAR.														
	APR.	70	47	47	70	70	93	70	70	67	1	2	2	2	2
	MAY	47	31	16	16	31	31	31	47	31	1	2	2	2	2
	JUNE	31	31	31	47	93	70	47	47	49	1	2	2	2	2
	JULY	8	5	3	8	16	3	3	3	6	1	2	2	2	2
	AUG.	16	5	16	31	70	47	8	5	25	1	2	2	2	
	SEPT.														
	OCT.	31	31	31	47	93	93	47	31	50	1	2	2	2	2
	NOV.														
	DEC.	31	16	16	31	31	31	16	47	27	1	2	2	2	2
206	JAN.														
	FEB.	16	3	8	31	31	16	16	31	19	1	2	2	2	2
	MAR.	8	5	8	8	16	31	31	16	15	1	2	2	2	2
	APR.	8	8	16	16	5	8	16	16	11	1	2	2	2	2
	MAY	31	31	16	47	93	93	70	47	53	1	2	2	2	2
	JUNE	5	8	31	47	31	8	3	5	17	1	2	2	2	2
	JULY	8	5	16	31	16	16	16	16	15	1	2	2	2	2
	AUG.	8	3	16	47	47	31	5	5	20	1	2	2	2	2
	SEPT.	3	3	3	3	3	3	2	2	3	1	2	2	2	2
	OCT.	2	2	2	16	31	16	16	3	11	1			2	2
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
207	JAN.	3	2	2	3	8	16	31	16	10	1	2		2	2
	FEB.	5	5	5	16	16	16	31	16	14	1	2	2	2	2
	MAR.	8	5	5	5	3	5	16	16	8	1	2	2		2
	APR.	8	5	5	5	5	5	5	5	6	1	2	2	2	2
	MAY	3	8	16	31	16	5	3	2	10	1	2	2	2	2
	JUNE	5	2	5	8	8	8	16	8	7	1	2	2		2
	JULY	16	8	2	2	2	3	8	16	7	1	2	2	2	2
	AUG.	2	2	2	2	2	2	2	2	2	1				
	SEPT.													2	
	OCT.	2	2	2	3	3	2	2	2	2	1				
	NOV.												2	2	2
	DEC.	2	2	3	3	3	2	3	2	2	1				
208	JAN.	70	70	16	31	70	70	3	31	45	1	2	2	2	2
	FEB.	31	16	5	16	16	5	8	31	16	1	2	2	2	2
	MAR.	31	8	16	16	8	3	16	31	16	1	2	2	2	2
	APR.	16	16	16	70	70	3	2	70	33	1	2	2	2	2
	MAY	31	31	16	16	16	16	5	16	18	1	2	2	2	1
	JUNE	16	16	8	3	5	5	5	5	8	1	2	2	2	
	JULY	3	3	3	3	2	2	2	3	3	1	2	2	2	2
	AUG.	2	2	2	2	2	2	2	2	2	1				
	SEPT.														
	OCT.	2	2	2	3	2	2	2	2	2	1				
	NOV.														
	DEC.	31	8	5	8	5	5	5	16	10	1	3	3	3	3
209	JAN.	31	31	31	70	70	70	31	31	46	1	2	2	2	2
	FEB.	8	16	16	16	16	16	16	16	15	1	2	2	2	2
	MAR.	8	16	5	8	5	3	3	5	7	1	2	2	2	2
	APR.	16	16	16	70	93	93	70	31	50	1	2	2	2	
	MAY	5	8	16	31	16	5	3	3	11	1	2	2	2	2
	JUNE	2	2	2	3	5	16	16	8	6	1			2	2
	JULY	8	3	3	3	3	31	16	16	10	1	2	2	2	2
	AUG.														
	SEPT.												2		
	OCT.	2	3	3	3	2	2	2	2	2	1				
	NOV.														
	DEC.	8	8	8	8	3	3	3	8	6	1	2	3	3	3

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
	JAN.	70	70	16	16	31	31	70	70	47	1	2	2	2	2
	FEB.	8	3	8	8	16	31	31	16	15	1	2	2	2	2
	MAR.	31	31	16	16	5	16	31	31	22	1	2	2	2	2
	APR.	5	3	5	16	16	16	8	8	9	1	2	2	2	2
	MAY	31	16	16	16	16	31	47	47	27	1	2	2	2	2
210	JUNE	5	3	3	5	8	8	5	3	5	1	2	2	2	2
	JULY	2	3	5	16	31	31	8	2	12	1		2	2	2
	AUG.	16	16	8	5	2	2	2	2	6	1	2	2	2	
	SEPT.														
	OCT.														
	NOV.														
	DEC.	16	31	16	8	8	5	5	5	12	1	3	3	2	3
	JAN.	2	2	2	3	2	2	2	2	2	1	2	2	2	2
	FEB.	2	5	3	5	8	31	31	2	11	1			2	2
	MAR.														
	APR.	2	2	16	8	3	2	2	2	4	1		2	2	
	MAY	16	16	16	31	31	31	8	8	19	1	2	2	2	2
211	JUNE	5	3	5	8	8	3	3	3	5	1	2	2	2	2
	JULY	8	3	16	16	8	5	5	5	8	1	2	2	2	2
	AUG.	2	2	2	2	2	2	2	2	2	1	2	2	2	2
	SEPT.														
	OCT.	2	3	5	16	5	2	2	2	4	1		2	2	
	NOV.														
	DEC.														
	JAN.	8	8	8	8	8	3	3	3	6	1	2	2	2	2
	FEB.	5	16	16	8	2	2	8	16	9	1	2	2		2
	MAR.	16	16	16	8	8	16	16	31	16	1	2	2	2	2
	APR.	31	16	16	16	16	16	16	16	17	1	2	2	2	2
	MAY														
212	JUNE	8	8	8	16	16	8	16	16	12	1	2	2	2	2
	JULY	8	8	8	3	3	2	2	8	5	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.	8	8	8	16	16	8	16	16	12	1	2	2	2	2
	NOV.														
	DEC.	3	5	5	5	8	5	5	5	5	1	2	3	2	3

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.	PARTICLE IDENTIFICATION				
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
213	JAN.	16	31	70	93	93	93	16	8	52	1	2	2	2	2
	FEB.	5	5	8	31	47	47	16	16	22	1		2	2	2
	MAR.														
	APR.	2	3	16	31	31	16	3	3	13	1	2	2	2	2
	MAY	2	16	31	31	16	5	8	8	14	1		2	2	2
	JUNE	3	3	5	8	16	16	5	5	8	1		2	2	2
	JULY	2	2	5	16	16	16	3	2	7	1		2	2	2
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.	2	3	8	8	3	2	2	2	3	1		2	2	
214	JAN.														
	FEB.	31	16	5	16	31	31	16	31	22	1	2	2	2	2
	MAR.														
	APR.														
	MAY														
	JUNE	16	5	8	16	8	5	8	16	10	1	2	2	2	2
	JULY														
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.														
215	JAN.	31	8	8	70	70	16	2	70	34	1	2	2	2	2
	FEB.	16	5	5	31	31	16	2	8	14	1	2	2	2	
	MAR.	16	8	5	5	5	5	3	5	7	1	2	2	2	2
	APR.	8	8	8	31	70	93	70	8	37	1	2	2	3	2
	MAY	3	5	16	16	5	3	2	2	6	1		2		
	JUNE	5	5	3	5	8	16	2	2	6	1	2	2	2	
	JULY	3	2	2	2	3	8	5	2	3	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.	8	5	3	5	5	2	2	5	4	1	2	2	2	
	NOV.														
	DEC.	3	3	3	2	2	2	2	2	2	1	2	2		

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
216	JAN.	31	16	8	16	31	16	8	8	16	1	2	2	2
	FEB.	16	31	31	31	31	31	16	31	27	1	2	2	2
	MAR.	31	47	16	16	8	16	16	16	20	1	2	2	2
	APR.	5	8	5	70	70	47	31	16	31	1	2	2	2
	MAY													
	JUNE	31	31	5	8	16	16	16	8	16	1	2	2	2
	JULY	8	16	16	31	31	16	8	8	16	1	2	2	2
	AUG.	31	16	8	16	5	3	3	5	11	1	2	2	2
	SERT.													
	OCT.	31	47	16	8	5	16	8	3	17	1	2	2	2
	NOV.													
	DEC.	47	70	31	3	2	2	3	3	20	1	3	3	3
217	JAN.													
	FEB.	31	8	31	47	47	31	31	31	32	1	2	2	2
	MAR.	47	5	16	31	31	31	47	70	35	1	2	2	2
	APR.	16	5	16	70	70	31	8	8	28	1	2	2	2
	MAY	16	31	31	31	16	8	3	3	17	1	2	2	2
	JUNE	16	5	16	31	31	31	31	31	24	1	2	2	2
	JULY													
	AUG.	16	8	2	3	3	2	2	3	5	1	2	2	2
	SEPT													
	OCT.	16	16	5	16	31	16	16	3	15	1	2	2	2
	NOV.													
	DEC.	8	8	3	3	5	5	8	5	6	1	3	3	2
218	JAN.													
	FEB.	47	47	47	70	70	70	47	31	53	1	2	2	2
	MAR.	47	31	31	47	31	16	16	31	31	1	2	2	2
	APR.	31	31	47	70	47	31	16	31	38	1	2	2	2
	MAY	31	31	47	47	31	16	16	31	31	1	2	2	2
	JUNE	47	31	31	31	31	31	31	31	33	1	2	2	2
	JULY	16	5	8	16	16	16	8	16	12	1	2	2	2
	AUG.													
	SEPT.													
	OCT.	31	31	31	31	16	16	16	31	25	1	2	2	2
	NOV.													
	DEC.	31	47	31	31	31	8	16	31	28	1	3	2	3

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
219	JAN.	2	2	2	2	2	2	2	3	2	1				
	FEB.	5	3	2	2	2	2	2	2	2	1	1			
	MAR.	3	2	2	2	3	5	3	5	3	1			2	2
	APR.	2	2	2	2	2	2	2	2	2	1				
	MAY	2	3	3	2	2	2	2	2	2	1		2		
	JUNE	2	2	2	2	2	2	2	2	2	1				
	JULY	2	2	2	2	2	2	2	2	2	1				
	AUG.														
	SEPT.	2	2	2	2	2	2	2	2	2	1				
	OCT.	5	3	2	2	2	2	3	8	3	1	2			2
	NOV.														
	DEC.	2	2	2	2	2	2	2	2	2	1				
220	JAN.														
	FEB.	8	16	16	31	47	47	47	31	30	1	2	2	2	2
	MAR.														
	APR.	31	31	31	31	47	47	47	31	37	1	2	2	2	2
	MAY	47	47	31	47	47	70	70	47	50	1	2	2	2	2
	JUNE	16	16	16	70	93	93	93	70	58	1	2	2	2	2
	JULY	31	47	31	31	31	47	47	47	39	1	2	2	2	2
	AUG.	8	3	5	3	8	8	16	16	8	1	2	2	2	2
	SEPT.	16	31	16	16	31	31	47	31	27	1	2	2	2	2
	OCT.	16	16	31	93	93	93	70	31	55	1	2	2	2	2
	NOV.														
	DEC.	16	31	16	16	31	16	5	5	17	1	2	2	2	2
221	JAN.														
	FEB.	31	47	47	31	31	47	16	8	32	1	2	2	2	2
	MAR.														
	APR.	31	31	31	31	70	70	70	70	50	1	2	2	2	2
	MAY	47	47	31	31	31	47	47	47	41	1	2	2	2	2
	JUNE	16	16	16	47	70	70	47	31	39	1	2	2	2	2
	JULY	47	47	8	16	16	16	31	47	28	1	2	2	2	2
	AUG.	3	3	3	3	8	8	3	5	5	1	2	2	2	2
	SEPT.														
	OCT.	16	16	16	47	47	31	16	16	25	1	2	2	2	2
	NOV.														
	DEC.	16	16	8	16	31	31	8	8	16	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.	PARTICLE IDENTIFICATION				
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
222	JAN.	70	31	8	8	8	16	31	70	30	1	2	2	2	2
	FEB.	31	16	8	5	5	16	31	31	18	1	2	2	2	2
	MAR.	31	8	3	5	8	5	5	16	10	1	2	2	2	2
	APR.	31	31	16	16	31	31	31	47	29	1	2	2	2	2
	MAY	47	47	31	16	16	47	70	47	40	1	2	2	2	2
	JUNE	31	16	5	5	16	31	31	31	21	1	2	2	2	2
	JULY	16	16	8	5	8	8	8	16	10	1	2	2	2	2
	AUG.	5	5	5	2	2	3	3	2	3	1	2	2	2	2
	SEPT.														
	OCT.	31	47	31	16	3	5	5	5	18	1	2	2	2	2
	NOV.														
	DEC.	31	16	3	3	3	3	3	16	10	1	2	2	2	2
223	JAN.														
	FEB.	3	8	8	8	8	16	31	31	14	1		2	2	2
	MAR.	16	31	16	16	31	31	47	31	27	1	2	2	2	2
	APR.	16	8	8	16	16	31	70	70	29	1	2	2	2	2
	MAY	16	31	31	31	47	47	47	31	35	1	2	2	2	2
	JUNE														
	JULY	31	31	31	31	31	47	47	31	35	1	2	2	2	2
	AUG.	3	5	5	5	8	16	31	16	11	1	2	2	2	2
	SEPT.	16	16	8	8	8	16	31	31	16	1	2	2	2	2
	OCT.	5	8	16	16	16	31	16	5	14	1	2	2	2	2
	NOV.														
	DEC.	3	3	3	3	3	8	31	16	9	1	2	2	2	2
224	JAN.	3	3	2	2	8	8	8	3	4	1	2		2	2
	FEB.	2	2	2	3	3	16	16	8	6	1				2
	MAR.	16	16	31	16	5	3	5	8	12	1				
	APR.	5	8	16	31	31	31	31	16	21	1	2	2	2	2
	MAY	8	16	16	31	31	31	16	8	19	1	2	2	2	2
	JUNE	3	2	2	3	16	31	31	16	13	1	2	2	2	2
	JULY	8	8	5	5	3	2	2	2	4	1	2	2	2	2
	AUG.	2	2	2	2	2	3	3	2	2	1	2	2	2	
	SEPT.	5	5	5	5	5	16	31	16	11	1	2	2	2	2
	OCT.	31	16	16	31	31	70	70	70	42	1	2	2	2	2
	NOV.														
	DEC.	3	5	3	3	3	3	3	3	3	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
225	JAN.	8	2	2	3	2	2	8	31	7	1	2	2	2
	FEB.	16	16	8	2	2	2	3	16	8	1	2	2	2
	MAR.	16	5	3	3	2	3	5	16	7	1	2	2	2
	APR.	8	8	16	16	16	8	8	8	11	1	2	2	2
	MAY	16	8	8	8	16	16	16	16	13	1	2	2	2
	JUNE	47	47	16	16	16	31	47	47	33	1	2	2	2
	JULY	3	5	5	2	2	2	2	2	3	1	2	2	
	AUG.	8	5	3	3	2	2	5	8	4	1	2	2	2	2
	SEPT.													
	OCT.	3	2	3	3	3	3	3	3	3	1	2	2	2	2
	NOV.													
	DEC.	31	31	8	3	3	5	5	16	13	1	2	2	2	2
226	JAN.	2	2	3	8	2	8	8	8	5	1		2	2	2
	FEB.	5	5	3	2	3	5	5	5	4	1	2		2	2
	MAR.	16	16	31	5	2	3	5	16	12	1	2	2		2
	APR.	47	31	16	31	47	47	31	31	35	1	2	2	2	2
	MAY	16	2	2	5	31	31	16	16	15	1	2		2	2
	JUNE	16	8	8	16	31	31	31	31	21	1	2	2	2	2
	JULY	16	8	16	16	5	5	8	16	11	1	2	2	2	2
	AUG.	16	3	2	5	16	16	31	31	15	1	2		2	2
	SEPT.														
	OCT.	16	16	8	16	70	93	70	47	42	1	2	2	2	2
	NOV.														
	DEC.	3	3	2	2	2	3	2	2	2	1	2			
227	JAN.	31	31	70	70	31	16	31	31	39	1	2	2	2	2
	FEB.	16	16	16	16	16	16	31	16	17	1	2	2	2	2
	MAR.	16	31	31	16	16	5	5	16	17	1	2	2	2	2
	APR.	31	16	16	31	47	47	47	31	33	1	2	2	2	2
	MAY	31	31	47	93	93	93	70	47	63	1	2	2	2	2
	JUNE	31	31	31	31	47	47	31	31	35	1	2	2	2	2
	JULY	31	16	16	16	16	31	31	31	23	1	2	2	2	2
	AUG.	16	16	16	31	31	31	31	31	25	1	2	2	2	2
	SEPT.														
	OCT.	31	70	93	93	93	70	47	31	66	1	2	2	2	2
	NOV.														
	DEC.	47	47	70	47	47	47	31	31	46	1	3	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.		PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
228	JAN.	8	8	16	8	2	8	31	16	12	1	2	2	2	2
	FEB.	16	5	8	16	5	3	16	47	14	1	2	2	2	2
	MAR.														
	APR.														
	MAY	31	47	47	47	47	70	93	70	56	1	2	2	2	2
	JUNE														
	JULY														
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.														
229	JAN.	31	16	16	16	16	16	31	70	26	1	2	2	2	2
	FEB.	47	31	16	16	16	16	31	31	25	1	2	2	2	2
	MAR.	31	31	16	8	5	5	8	16	15	1	2	2	2	2
	APR.														
	MAY	47	31	31	31	31	47	70	70	45	1	2	2	2	2
	JUNE														
	JULY	16	16	31	31	31	31	31	31	27	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.	47	31	16	16	31	47	47	47	35	1	2	2	2	2
	NOV.														
	DEC.	31	31	31	8	8	8	16	31	20	1	2	2	2	2
230	JAN.	8	31	8	16	8	8	16	8	13	1	2	2	2	2
	FEB.														
	MAR.	31	16	3	3	5	3	2	8	9	1	2	2	2	
	APR.	16	5	2	3	5	16	5	16	8	1	2		2	2
	MAY	31	8	8	16	31	31	31	31	23	1	2	2	2	2
	JUNE														
	JULY														
	AUG.	2	2	2	2	2	2	2	2	2	1	2	2	2	2
	SEPT.														
	OCT.	3	2	2	3	5	2	2	3	3	1	2		2	
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
231	JAN.	3	2	2	2	2	3	3	3	2	1			2
	FEB.	16	16	16	8	3	2	2	5	8	1	2	2	2	2
	MAR.	5	2	2	3	8	16	16	16	8	1	2		2	2
	APR.	5	3	2	2	3	3	5	5	4	1	2		2	2
	MAY	8	5	5	8	3	5	5	5	6	1	2	2	2	2
	JUNE														
	JULY	16	5	5	5	8	8	16	16	10	1	2	2	2	2
	AUG.	2	2	2	2	2	2	2	2	2	1				
	SEPT.														
	OCT.	2	2	2	2	2	2	2	2	2	1				
	NOV.														
	DEC.														
232	JAN.	31	16	5	5	16	31	31	47	23	1	2	2	2	2
	FEB.	47	16	8	8	8	16	31	70	25	1	2	2	2	2
	MAR.	31	31	31	16	5	3	3	8	16	1	2	2	2	2
	APR.	31	31	16	16	16	16	16	31	21	1	2	2		
	MAY	5	3	3	2	2	2	2	3	3	1	2	2	2	2
	JUNE	16	8	5	5	5	8	16	16	10	1	2	2	2	2
	JULY	3	3	2	2	2	3	3	2	2	1				
	AUG.														
	SEPT.	31	31	8	5	3	3	3	16	12	1	2	2	2	2
	OCT.														
	NOV.	16	8	3	3	16	31	31	16	15	1	2	2	3	2
	DEC.														
233	JAN.	31	31	31	31	16	16	16	16	23	1	2	2	2	2
	FEB.	31	16	16	16	8	8	16	31	17	1	2	2	2	2
	MAR.														
	APR.	5	5	8	5	5	5	5	5	6	1	2	2	2	2
	MAY	16	16	16	16	31	16	8	8	16	1	2	2	2	2
	JUNE	5	8	8	5	3	3	3	3	5	1				2
	JULY	3	2	2	2	3	3	3	3	3	1	2	2	2	2
	AUG.	2	2	2	2	2	2	2	2	2	1	2			
	SEPT.	3	3	2	2	2	2	2	2	2	1	2	2		
	OCT.	5	3	3	2	2	2	2	2	2	1				
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
234	JAN.													
	FEB.													
	MAR.	8	5	3	5	8	16	16	16	9	1	2	2	2
	APR.	3	3	5	16	16	16	5	3	8	1		2	2
	MAY													
	JUNE													
	JULY													
	AUG.	2	2	2	2	2	2	2	2	2	1	2	2	2
	SEPT.													
	OCT.													
	NOV.													
	DEC.													
235	JAN.													
	FEB.	3	3	2	3	16	16	16	16	9	1			
	MAR.												2	2
	APR.													
	MAY													
	JUNE													
	JULY													
	AUG.													
	SEPT.													
	OCT.	3	2	2	3	2	2	2	2	2	1	2		
	NOV.													
	DEC.													
236	JAN.													
	FEB.	16	8	16	31	70	31	8	8	23	1	2	2	2
	MAR.	31	16	16	16	31	31	31	31	25	1	2	2	2
	APR.													
	MAY													
	JUNE	5	3	3	16	31	31	5	5	12	1	2	2	2
	JULY	5	5	16	16	31	16	5	3	12	1	2	2	2
	AUG.	8	8	2	2	2	2	2	2	3	1	2	2	2
	SEPT.													
	OCT.													
	NOV.													
	DEC.													

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.		PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
237	JAN.	2	2	2	2	8	2	2	2	2	1			2	
	FEB.	3	2	2	2	2	2	3	5	2	1	2			2
	MAR.	3	2	2	2	2	2	3	8	3	1	2			2
	APR.														
	MAY	5	2	2	2	2	3	2	2	2	1	2			
	JUNE	2	2	2	2	2	2	2	2	2	1				
	JULY														
	AUG.														
	SEPT.														
	OCT.	2	2	2	2	2	2	2	2	2	1				
	NOV.														
	DEC.														
238	JAN.	31	16	16	16	8	8	8	16	15	1	2	2	2	2
	FEB.	31	5	3	3	3	16	16	16	12	1	2	2	2	2
	MAR.	5	3	2	2	2	2	2	3	2	1	2		2	
	APR.	16	8	8	16	16	16	8	16	13	1	2	2	2	2
	MAY	31	8	8	16	8	8	5	16	12	1	2	2	2	2
	JUNE	5	3	5	5	5	2	2	3	4	1	2	2	2	
	JULY	3	2	2	2	2	2	3	3	2	1	2			
	AUG.	3	2	2	2	2	2	2	2	2	1	2			
	SEPT.														
	OCT.														
	NOV.														
	DEC.	16	8	5	5	8	5	5	5	7	1	3	3	3	3
239	JAN.	8	16	16	16	8	8	8	8	11	1		2		
	FEB.	3	3	3	8	16	16	16	8	9	1			2	2
	MAR.	47	16	8	8	16	16	31	47	23	1	2	2	2	2
	APR.	5	8	16	31	31	16	8	5	15	1	2	2	2	2
	MAY	3	8	16	31	31	16	3	2	14	1	2	2	2	
	JUNE	3	16	16	16	16	5	3	3	10	1	2	2	2	2
	JULY	5	16	16	16	5	2	2	2	8	1	2	2	2	
	AUG.	3	8	16	16	16	8	5	3	9	1	2	2	2	2
	SEPT.	2	5	16	8	3	2	3	2	5	1		2	2	2
	OCT.	93	93	93	31	31	31	16	31	52	1	2	2	2	2
	NOV.														
	DEC.	8	16	16	16	8	16	5	8	11	1	3	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
240	JAN.	8	8	8	16	16	16	16	8	12	1	2	2	2	2
	FEB.	16	16	16	16	31	31	31	31	23	1	2	2	2	2
	MAR.	47	47	31	31	31	31	31	47	37	1	2	2	2	2
	APR.	47	47	47	47	47	47	47	47	47	1	2	2	2	2
	MAY	16	16	16	31	31	31	31	16	23	1	2	2	2	2
	JUNE	31	31	31	47	47	47	47	47	41	1	2	2	2	2
	JULY	16	8	16	31	31	47	47	16	26	1	2	2	2	2
	AUG.	5	16	16	16	16	16	8	8	12	1	2	2	2	2
	SEPT.														
	OCT.	8	8	16	31	31	31	16	8	18	1	2	2	2	2
	NOV.														
	DEC.	16	16	8	8	16	16	16	16	14	1	2	2	2	2
241	JAN.														
	FEB.	93	70	31	31	31	16	31	93	49	1	2	2	2	2
	MAR.	70	47	31	5	2	2	8	70	29	1	2	2		2
	APR.														
	MAY	47	47	47	31	31	16	16	47	35	1	2	2	2	2
	JUNE	47	31	47	47	31	16	16	31	33	1	2	2	2	2
	JULY	70	47	31	8	5	2	16	70	31	1	2	2	2	2
	AUG.	93	47	31	8	2	2	16	47	30	1	2	2		2
	SEPT.														
	OCT.	31	16	8	8	8	8	3	5	11	1	2	2	2	2
	NOV.														
	DEC.	47	31	16	16	16	8	16	47	24	1	2	2	2	2
242	JAN.	2	2	2	2	2	2	2	2	2	1				
	FEB.	2	2	2	2	2	2	2	2	2	1				
	MAR.														
	APR.	2	2	2	2	2	2	2	2	2	1				
	MAY														
	JUNE														
	JULY	3	2	2	2	2	2	3	2	2	1	2			
	AUG.														
	SEPT.														
	OCT.	2	2	2	2	2	2	2	2	2	1				
	NOV.														
	DEC.	2	2	2	2	2	2	2	2	2	1				

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
243	JAN.	31	31	31	31	16	70	70	70	44	1	2	2	2	2
	FEB.	47	31	16	16	8	16	31	47	26	1	2	2	2	2
	MAR.	47	31	31	31	31	31	47	47	37	1	2	2	2	2
	APR.	70	47	47	47	47	47	47	47	49	1	2	2	2	2
	MAY	47	31	47	70	70	70	70	47	56	1	2	2	2	2
	JUNE	70	47	47	47	47	31	31	47	46	1	2	2	2	2
	JULY	47	31	31	31	31	31	31	47	35	1	2	2	2	2
	AUG.	31	31	16	31	31	47	47	47	35	1	2	2	2	2
	SEPT.														
	OCT.														
	NOV.														
	DEC.	70	70	47	31	3	3	5	31	32	1	2	2	2	2
244	JAN.	16	16	8	8	16	16	31	31	17	1	2	2	2	2
	FEB.	8	16	16	31	31	31	16	8	19	1	2	1	2	2
	MAR.	5	3	5	8	8	5	8	16	7	1	2	2	2	2
	APR.	2	3	5	5	2	2	2	2	3	1		2	2	
	MAY	3	3	2	2	2	2	2	3	2	1	2			2
	JUNE	3	2	2	2	2	3	16	16	5	1	2			2
	JULY	16	16	8	8	5	5	5	8	9	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.	2	2	2	2	2	2	3	3	2	1				2
	NOV.														
	DEC.	2	3	2	2	2	2	2	2	2	1				
245	JAN.														
	FEB.														
	MAR.														
	APR.														
	MAY														
	JUNE														
	JULY	5	5	5	16	31	31	31	16	18	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.														

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.	PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW		N	E	S	W
246	JAN.	8	8	8	8	8	3	3	3	6	1			
	FEB.	5	5	2	2	2	2	2	3	3	1	2	2	2
	MAR.	5	5	3	5	5	8	8	5	6	1			
	APR.	5	5	8	16	16	8	8	5	9	1	2	2	2
	MAY	31	47	47	70	70	47	47	16	47	1		1	2
	JUNE	16	16	47	70	70	47	47	31	43	1	2	2	2
	JULY										1	2	2	2
	AUG.	5	5	16	93	70	31	31	31	35	1	2	2	2
	SEPT.													
	OCT.	8	8	16	16	16	16	31	16	16	1	2	2	2
	NOV.													
	DEC.	5	2	2	3	3	3	3	5	3	1	2		2
247	JAN.													
	FEB.	16	8	16	31	16	8	31	16	17	1	1	1	1
	MAR.	16	16	16	8	16	16	16	16	15	1	2	2	2
	APR.	16	16	31	31	16	16	31	31	23	1	2	2	2
	MAY	47	70	47	31	47	70	47	47	50	1	2	2	2
	JUNE										1	2	2	2
	JULY	16	16	16	16	16	16	16	16	16	1	2	2	2
	AUG.	2	2	2	3	31	93	70	5	26	1			2
	SEPT.													
	OCT.	16	16	93	93	16	31	31	16	39	1	2	2	2
	NOV.													
	DEC.	5	2	2	2	2	2	3	3	2	1	2		2
248	JAN.													
	FEB.	2	3	3	2	2	5	5	2	3	1	2	2	2
	MAR.	16	16	16	16	8	3	5	5	10	1	2	2	2
	APR.	70	70	70	70	70	47	47	70	64	1	2	2	2
	MAY	47	47	47	47	47	70	93	93	61	1	2	2	2
	JUNE	93	70	31	16	31	31	47	70	48	1	2	2	2
	JULY	31	31	47	70	70	47	47	47	48	1	2	2	2
	AUG.													
	SEPT.													
	OCT.	8	8	16	31	31	31	16	16	19	1	2	2	2
	NOV.													
	DEC.	3	3	16	16	8	5	3	3	7	1	2	3	3

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.	PARTICLE IDENTIFICATION				
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
249	JAN.														
	FEB.	8	8	3	3	3	8	8	8	6	1	2	2		2
	MAR.														
	APR.	31	31	47	70	31	16	31	70	41	1	2	2	2	2
	MAY	70	31	47	93	93	70	93	93	74	1	2	2	2	2
	JUNE	70	31	31	70	70	47	93	93	63	1	2	2	2	2
	JULY	16	16	31	47	47	47	47	31	35	1	2	2	2	2
	AUG.	47	31	5	8	8	8	16	47	21	1	2	2	2	2
	SEPT.	31	16	5	16	31	16	16	31	20	1	2	2	2	2
	OCT.	16	3	3	16	16	16	31	47	18	1	2	2	2	2
	NOV.														
	DEC.	3	2	2	16	3	3	5	8	5	1	2		2	2
250	JAN.														
	FEB.														
	MAR.														
	APR.														
	MAY	47	31	31	47	93	93	47	47	54	1	2	2	2	2
	JUNE	70	47	31	70	93	93	70	70	68	1	2	2	2	2
	JULY														
	AUG.														
	SEPT.														
	OCT.	16	16	31	47	16	5	5	16	19	1	2	2	2	2
	NOV.														
	DEC.														
251	JAN.	31	16	16	16	16	31	70	70	33	1	2	2	2	2
	FEB.	5	8	16	8	8	16	16	16	11	1	2	2	2	2
	MAR.	31	16	8	8	8	16	31	47	20	1	2	2	2	2
	APR.	31	31	31	31	31	31	31	31	31	1	2	2	2	2
	MAY	70	47	47	47	70	93	93	70	67	1	2	2	2	2
	JUNE	93	70	47	70	70	93	93	93	78	1	2	2	2	2
	JULY	31	47	31	31	47	31	31	31	35	1	2	2	2	2
	AUG.	93	70	47	47	47	47	93	93	67	1	2	2	2	2
	SEPT.														
	OCT.	93	70	47	70	70	70	93	93	76	1	2	2	2	2
	NOV.														
	DEC.	16	8	16	31	16	3	5	31	16	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
252	JAN.	70	70	70	70	70	70	93	93	76	1	2	2	2	2
	FEB.	8	8	5	8	8	8	16	16	9	1	2	2	2	2
	MAR.	8	5	16	16	16	8	8	16	11	1	2	2	2	2
	APR.	31	16	16	31	31	31	47	47	31	1	2	2	2	2
	MAY	16	16	16	31	47	31	16	16	23	1	2	2	2	2
	JUNE	47	31	31	31	47	31	31	47	37	1	2	2	2	2
	JULY	16	16	16	16	47	47	16	16	23	1	2	2	2	2
	AUG.	5	5	8	8	16	16	5	5	9	1	2	2	2	2
	SEPT.														
	OCT.	47	31	16	16	16	16	31	31	25	1	2	2	2	2
	NOV.														
	DEC.	16	8	5	3	3	5	5	8	7	1	2	2	2	2
253	JAN.	8	2	8	8	8	2	3	8	6	1	2	2	2	2
	FEB.	2	2	2	3	3	2	2	2	2	1				
	MAR.	8	3	8	16	5	5	31	31	13	1	2	2		2
	APR.	93	31	47	93	70	47	70	93	68	1	2	2	2	2
	MAY	47	8	5	8	8	8	31	93	26	1	2	2	2	2
	JUNE														
	JULY	93	16	3	5	8	31	93	93	43	1	2	2	2	2
	AUG.	16	2	3	8	5	5	16	31	11	1	2	2	2	2
	SEPT.														
	OCT.	5	3	3	5	3	5	16	31	9	1	2	2	2	2
	NOV.														
	DEC.	70	3	5	8	5	3	31	93	27	1	3	3	3	3
254	JAN.	8	3	2	3	16	31	31	16	14	1	2	2	2	2
	FEB.	8	5	5	16	47	47	16	8	19	1	2	2	2	2
	MAR.	5	5	2	2	5	5	5	8	5	1	2		2	2
	APR.	31	31	16	31	93	93	70	47	51	1	2	2	2	2
	MAY	16	8	5	8	16	31	47	31	20	1	2	2	2	2
	JUNE	47	47	47	47	93	93	93	70	67	1	2	2	2	2
	JULY	70	70	70	31	31	31	47	47	49	1	2	2	2	2
	AUG.	70	70	47	70	93	93	93	93	78	1	2	2	2	2
	SEPT.														
	OCT.	8	5	5	5	8	31	31	31	16	1	2	2	2	2
	NOV.														
	DEC.	47	31	31	93	93	93	93	70	69	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.	PARTICLE IDENTIFICATION				
		N	NE	E	SE	S	SW	W	NW			N	E	S	W
255	JAN.	16	70	70	70	70	16	16	16	43	1	2	2	2	2
	FEB.														
	MAR.	16	31	31	8	5	5	8	16	15	1	2	2	2	2
	APR.	47	93	93	31	3	5	5	8	36	1	2	2	2	2
	MAY	8	8	16	31	16	16	8	5	13	1	2	2	2	
	JUNE	16	31	31	16	16	3	2	3	15	1	2	2	2	2
	JULY	8	70	93	47	8	8	16	5	32	1	2	2	2	2
	AUG.	70	93	70	16	8	16	8	8	36	1	2	2	2	2
	SEPT.														
	OCT.	2	2	5	5	3	2	2	3	3	1		2	2	
	NOV.														
	DEC.	16	16	8	5	3	5	5	3	8	1	2	2	2	2
256	JAN.	3	31	31	16	3	2	3	3	11	1		2		2
	FEB.														
	MAR.	31	16	5	3	5	2	5	16	10	1	4	2	2	4
	APR.	16	93	93	70	2	5	8	3	36	1	2	2		2
	MAY	5	47	93	31	3	5	5	3	24	1	2	2	2	
	JUNE	8	47	70	8	3	5	5	3	19	1	2	2	2	2
	JULY	3	31	70	47	8	2	5	5	21	1	2	3	2	2
	AUG.	2	8	47	47	5	2	2	2	14	1		2		
	SEPT.														
	OCT.	2	2	2	3	3	2	2	2	2	1			2	
	NOV.														
	DEC.	16	8	5	3	2	2	2	3	5	1	3	3		
257	JAN.	16	31	31	16	3	2	2	2	13	1	1	1	1	
	FEB.														
	MAR.	2	5	5	5	8	8	8	5	6	1		1	2	1
	APR.	5	5	3	2	2	3	5	3	4	1	4	4	4	4
	MAY	5	5	5	5	5	5	3	5	5	1	2	2	1	1
	JUNE														
	JULY	5	16	16	5	2	3	2	2	6	1	2	3	3	
	AUG.														
	SEPT.														
	OCT.	2	2	2	2	2	2	2	2	2	1				
	NOV.														
	DEC.	3	3	3	3	2	2	2	2	2	1	3			

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STATION	MONTH	DIRECTIONAL LOADINGS								AVG.	PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW		N	E	S	W
258	JAN.													
	FEB.	5	5	8	8	8	8	8	5	7	1			
	MAR.											2	2	2
	APR.													
	MAY	3	5	16	31	31	8	8	3	13	1			
	JUNE	8	5	8	31	31	31	31	16	20	1	2	2	2
	JULY	8	8	8	16	16	16	16	8	12	1	2	2	2
	AUG.	31	31	16	16	16	5	8	16	17	1	2	2	2
	SEPT.													
	OCT.	2	2	2	2	3	2	2	2	2	1			
	NOV.												2	
	DEC.	8	3	5	5	3	5	8	8	6	1	2	2	2
259	JAN.													
	FEB.													
	MAR.													
	APR.													
	MAY	3	3	8	31	31	31	31	16	19	1	2	2	2
	JUNE													
	JULY													
	AUG.													
	SEPT.													
	OCT.	3	2	5	16	16	16	16	16	11	1	2	2	2
	NOV.													
	DEC.													
260	JAN.													
	FEB.													
	MAR.													
	APR.													
	MAY													
	JUNE													
	JULY	5	5	3	2	2	2	5	16	5	1	2	2	2
	AUG.	5	5	2	2	2	3	5	5	4	1	2	2	2
	SEPT.													
	OCT.	5	5	3	3	8	8	5	3	5	1	2	2	2
	NOV.													
	DEC.													

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
	JAN.	8	8	8	8	16	16	8	8	10	1	1	2	2	2
	FEB.														
	MAR.	16	16	16	8	16	31	47	47	24	1	2	2	2	2
	APR.	16	3	3	31	70	70	93	93	47	1	2	2	2	2
	MAY	5	2	3	16	93	93	47	31	36	1		2	2	2
	JUNE	31	16	16	16	31	47	70	70	37	1	2	2	2	2
261	JULY	16	16	16	16	31	47	47	31	27	1	2	2	2	2
	AUG.														
	SEPT.														
	OCT.	3	3	5	16	16	31	16	8	12	1	2	2	2	2
	NOV.														
	DEC.	3	3	3	3	3	8	16	8	6	1	2	2	2	2
	JAN.														
	FEB.														
	MAR.	8	16	2	2	3	5	5	5	6	1	2	2	2	2
	APR.	70	47	47	70	93	93	93	93	76	1	3	3	3	3
	MAY														
262	JUNE														
	JULY														
	AUG.														
	SEPT.														
	OCT.														
	NOV.														
	DEC.	93	47	8	8	16	16	31	93	39	1	3	3	3	3
	JAN.														
	FEB.														
	MAR.														
	APR.	31	16	16	31	31	31	31	31	27	1	2	2	2	2
	MAY														
263	JUNE														
	JULY														
	AUG.	2	2	3	3	2	3	5	2	3	1	2	2	2	2
	SEPT.														
	OCT.	16	16	31	31	47	47	47	31	33	1	2	2	2	2
	NOV.														
	DEC.	31	16	16	16	31	31	16	16	21	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
264	JAN.	2	2	2	2	3	16	31	16	9	1				2
	FEB.	3	2	3	3	8	16	16	8	7	1		2	2	2
	MAR.	8	16	8	3	3	5	8	8	7	1	2	2		2
	APR.	8	16	5	8	16	31	31	16	16	1	2	2	2	2
	MAY	31	31	16	16	31	47	47	31	31	1	2	2	2	2
	JUNE	31	16	16	16	31	47	47	47	31	1	2	2	2	2
	JULY	16	8	5	5	5	31	31	16	15	1	2	2	2	2
	AUG.	31	16	16	16	16	47	70	47	32	1	2	2	2	2
	SEPT.														
	OCT.														
	NOV.														
	DEC.	16	16	5	3	16	8	8	8	10	1	2	2	2	2
265	JAN.	8	16	31	16	31	31	16	8	19	1	2	2	2	2
	FEB.	8	8	16	16	47	31	8	5	17	1	2	2	2	2
	MAR.	31	16	16	16	16	31	31	16	21	1	2	2	2	2
	APR.	16	16	16	16	31	31	31	16	21	1	2	2	2	2
	MAY	31	16	16	31	47	47	47	31	33	1	2	2	2	2
	JUNE	16	31	31	31	70	70	47	16	39	1	2	2	2	2
	JULY	31	16	16	31	31	31	31	31	27	1	2	2	2	2
	AUG.	8	8	16	16	31	31	16	8	16	1	2	2	2	2
	SEPT.														
	OCT.	16	16	16	16	16	16	31	16	17	1	2	2	2	2
	NOV.														
	DEC.	8	16	16	16	8	8	16	16	13	1	2	2	2	2
266	JAN.	31	16	16	31	31	31	31	70	32	1	2	2	2	2
	FEB.	70	47	47	47	47	70	70	70	58	1	2	2	2	2
	MAR.	47	47	47	31	31	31	31	47	39	1	2	2	2	2
	APR.	47	31	16	31	47	31	31	47	35	1	2	2	2	2
	MAY	47	47	47	31	31	47	47	47	43	1	2	2	2	2
	JUNE	47	31	31	47	70	70	70	93	57	1	2	2	2	2
	JULY	47	31	31	31	31	31	70	70	43	1	2	2	2	2
	AUG.	31	16	16	47	70	47	47	47	40	1	2	2	2	2
	SEPT.														
	OCT.	31	16	31	47	47	47	47	70	42	1	2	2	2	2
	NOV.														
	DEC.	31	16	16	16	31	31	47	70	32	1	2	2	2	2

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STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.		PARTICLE IDENTIFICATION N	E	S	W
268	JAN.	8	16	31	16	16	16	16	8	16	1	2	2	2	2
	FEB.	16	31	47	47	31	31	31	31	33	1	2	2	2	2
	MAR.	8	8	16	16	31	47	93	70	36	1	2	2	2	2
	APR.	3	5	5	8	31	70	70	31	28	1		2	2	2
	MAY	5	8	31	31	47	70	70	31	37	1	2	2	2	2
	JUNE	5	5	5	5	16	70	70	8	23	1	2	2	2	2
	JULY	47	70	47	31	31	47	47	31	44	1	2	3	2	2
	AUG.	5	8	16	16	16	16	16	16	13	1	2	2	2	2
	SEPT.														
	OCT.	8	8	8	5	31	93	93	31	35	1	2	2	2	2
	NOV.														
	DEC.														
269	JAN.	3	3	2	2	8	8	8	8	5	1	2		2	
	FEB.	8	16	8	8	8	16	31	31	16	1	2	2	2	2
	MAR.														
	APR.	8	8	8	8	8	5	8	5	7	1	2	2	2	2
	MAY	16	16	16	5	8	16	16	8	12	1	2	2	2	2
	JUNE														
	JULY														
	AUG.	3	5	5	8	3	3	3	3	4	1	2	2	2	2
	SEPT.	8	8	5	2	2	2	5	8	5	1	2	2		2
	OCT.														
	NOV.														
	DEC.														
270	JAN.														
	FEB.														
	MAR.														
	APR.	3	5	3	3	31	16	5	3	9	1	2	2	2	2
	MAY														
	JUNE														
	JULY	2	2	2	3	8	8	3	2	3	1	2	2	2	2
	AUG.	8	8	3	2	2	2	2	2	3	1	2			2
	SEPT.														
	OCT.														
	NOV.														
	DEC.	16	8	5	8	16	8	5	16	10	1	2		3	3

WIND BLOWN PARTICULATES 1969
(STICKY PAPER)

PARTICLES PER SQUARE MM - 7 DAYS
(MONTHLY AVERAGES)

STATION	MONTH	DIRECTIONAL LOADINGS N	NE	E	SE	S	SW	W	NW	AVG.	PARTICLE IDENTIFICATION N	E	S	W
	JAN.													
	FEB.													
	MAR.													
	APR.													
	MAY													
271	JUNE	31	3	2	2	3	8	31	31	14	1	2	2	2
	JULY													
	AUG.													
	SEPT.													
	OCT.													
	NOV.													
	DEC.	3	2	2	2	3	5	5	5	3	1	2	2	2
	JAN.													
	FEB.													
	MAR.													
	APR.													
	MAY													
272	JUNE	16	8	5	8	8	8	8	16	9	1	2	2	2	2
	JULY	16	8	8	5	8	8	16	31	12	1	2	2	2	2
	AUG.	2	2	2	2	2	2	2	2	2	1	2	2	2	2
	SEPT.													
	OCT.	3	5	5	3	2	3	3	3	3	1	2	2	2	2
	NOV.													
	DEC.	3	3	3	2	2	3	16	5	5	1	2	2		2
	JAN.													
	FEB.													
	MAR.													
	APR.													
	MAY													
273	JUNE													
	JULY	16	16	31	47	47	47	47	31	35	1	2	2	2	2
	AUG.	8	16	31	31	31	31	16	8	21	1	2	2	2	2
	SEPT.													
	OCT.	8	16	47	70	47	70	31	31	40	1	2	2	2	2
	NOV.													
	DEC.	16	5	5	5	8	16	47	47	19	1	2	2	2	2

WIND BLOWN PARTICULATES 1969
(STICKY PAPER)

PARTICLES PER SQUARE MM - 7 DAYS
(MONTHLY AVERAGES)

STATION	MONTH	DIRECTIONAL LOADINGS									PARTICLE IDENTIFICATION			
		N	NE	E	SE	S	SW	W	NW	AVG.	N	E	S	W
	JAN.													
	FEB.													
	MAR.													
	APR.													
	MAY													
274	JUNE													
	JULY	5	5	3	16	47	47	31	8	20	1			2	2
	AUG.													
	SEPT.													
	OCT.	8	16	16	47	70	47	31	16	31	1	2	2	2	2
	NOV.													
	DEC.	5	3	5	31	70	31	16	16	22	1	2	2	2	2

STATION INDEX
Alphabetized by State

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INTERSTATE SURVEILLANCE NETWORK CODING

Location	ISP	Station Type	Area Type	SAROAD Site Code
Alabama				
Mobile	146	1	RC	
Phenix City	143	1	RC	
Alaska				
Anchorage	246	3	RC	
Fairbanks	247	3	C	
Arizona				
Clifton	261	1	R	
Davis Dam	090	1	Rural	
Douglas	102	1	R	
Nogales	101	1	RC	
Phoenix	268	3	C	
Yuma	092	1	RC	
Arkansas				
Crossett	208	1	RC	
Fort Smith	210	1	C	
Texarkana	129	1	C	
West Memphis	209	1	RC	
California				
Calexico	093	1	RC	
Los Angeles	239	3	IR	
Los Angeles	240	3	C	
Needles	091	1	C	
Oakland	095	3	C	
San Ysidro	094	1	Rural	
South Tahoe	096	1	RC	
Colorado				
Denver	027	2	C	
Connecticut				
Bridgeport	243	1	IC	
Greenwich	021	1	IRC	
Hartford	184	3	C	
Pawcatuck	185	1	C	
Thompsonville	183	1	C	

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INTERSTATE SURVEILLANCE NETWORK CODING

Location	ISP	Station Type	Area Type	SAROAD Site Code
Delaware				
Claymont	009	1	R	
Wilmington	008	1	C	
District of Columbia	007	2	RC	
District of Columbia	113	1	C	
Florida				
Broward County	135	3	RC	
Ferandina Beach	231	1	R	
Ferandina Beach	232	1	R	
Gainesville	233	3	R	
Oneca	130	4	Rural	
Pensacola	145	1	RC	
Tampa	068	3	R	
Georgia				
Augusta	131	1	C	
Columbus	142	1	R	
Rossville	141	1	R	
Saint Mary's	134	1	C	
Savannah	132	1	IC	
Hawaii				
Hilo	242	4	Rural	
Honolulu	241	3	RC	
Idaho				
Couer d'Alene	071	1	C	
Lewiston	074	1	IC	
Lewiston	075	1	C	
Illinois				
Bedford Park	137	1	IRC	
Cairo	258	1	C	
Calumet City	055	1	R	
Chicago	054	1	R	
Chicago	026	2	C	

INTERSTATE SURVEILLANCE NETWORK CODING

Location	ISP	Station Type	Area Type	SAROAD Site Code
Illinois (Continued)				
Chicago Heights	138	1	IRC	
Cicero	136	1	RC	
East Dubuque	228	1	C	
East Saint Louis	046	1	C	
Hennepin	056	4	Rural	
Metropolis	259	1	R	
Moline	058	1	C	
Palatine	139	1	R	
Rock Island	057	1	C	
Indiana				
Charlestown	263	1	RC	
East Chicago	052	1	IR	
Evansville	044	1	RC	
Gary	149	1	RC	
Hammond	053	1	RC	
Jeffersonville	040	1	RC	
Tell City	042	1	R	
Iowa				
Council Bluff	203	1	RC	
Davenport	059	1	C	
Dubuque	227	1	IR	
Sioux City	201	1	C	
Kansas				
Elwood	204	1	R	
Kansas City	047	1	IR	
Kansas City	087	1	IR	
Overland Park	088	4	Rural R	
Kentucky				
Ashland	067	1	C	
Covington	154	1	RC	
Frankfort	106	3	RC	
Hawesville	041	1	Rural	

INTERSTATE SURVEILLANCE NETWORK CODING

Location	ISP	Station Type	Area Type	SAROAD Site Code
Kentucky (Continued)				
Henderson	161	1	RC	
Louisville	039	1	C	
Owensboro	043	1	R	
Paducah	260	1	IC	
Louisiana				
Bastrop	216	1	IRC	
Bogalusa	214	1	C	
Carville	219	3	R	
Fort Polk	270	4	R	
New Orleans	218	1	C	
Shreveport	213	1	C	
Sulfur	124	1	R	
Tallulah	217	1	C	
Vidalia	215	1	R	
Maine				
Eliot	176	1	R	
Madawaska	193	1	R	
Maryland				
Baltimore	273	3	I	
Bloomington	151	1	R	
Cheverly	111	1	Rural C	
Cumberland	150	1	C	
Gaithersburg	272	3	Rural-R	
Massachusetts				
Attleboro	190	1	C	
Boston	192	3	C	
Fall River	191	1	C	
Lawrence	177	1	RC	
Springfield	182	1	C	

INTERSTATE SURVEILLANCE NETWORK CODING

Location	ISP	Station Type	Area Type	SAROAD Site Code
Michigan				
Ann Arbor	224	3	R	
Dearborn	196	1	IR	
Detroit	034	1	R	
Grosse Ile	162	1	I	
Livonia	163	1	R	
Port Huron	166	1	R	
River Rouge	035	1	IR	
Saint Clair	167	1	R	
Sault Saint Marie	223	1	IR	
Sumpter Township	164	4	Rural	
Minnesota				
Duluth	049	1	RC	
East Grand Forks	245	1	RC	
International Falls	251	1	R	
Moorhead	249	1	RC	
Ortonville	250	1	R	
Winona	225	1	IRC	
Mississippi				
Jackson	269	3	RC	
Pascagoula	234	1	R	
Natchez	235	1	IR	
Vicksburg	236	1	C	
Missouri				
Independence	085	1	RC	
Joplin	206	1	C	
Kansas City	048	1	C	
Kansas City	086	1	R	
Saint Joseph	205	1	C	
Saint Louis	045	1	IR	
Saint Louis	028	2	IC	
Montana				
East Helena	254	3	IRC	
Helena	274	1	R	

INTERSTATE SURVEILLANCE NETWORK CODING

Location	ISP	Station Type	Area Type	SAROAD Site Code
Nebraska				
Omaha	202	1	R	
South Sioux City	200	1	RC	
Nevada				
Boulder City	089	1	RC	
Incline Village	097	1	R	
New Hampshire				
Cannon Mountain	175	4	Rural	
Lebanon	171	1	C	
Portsmouth	174	1	C	
Salem	173	1	R	
New Jersey				
Camden	017	1	C	
Elizabeth	003	1	RC	
May's Landing	001	4	Rural	
Metuchen	229	1	C	
Penns Grove	016	1	IC	
Perth Amboy	002	1	IRC	
Trenton	018	1	C	
New Mexico				
Anthony	104	1	R	
Dulce	100	4	R	
Farmington	099	1	R	
Shiprock	098	1	R	
Sunland Park	103	1	R	
New York				
Albany	030	1	C	
Albany	022	1	RC	
Binghamton	025	1	IRC	
Brooklyn	005	1	IRC	
Buffalo	024	1	IRC	
Buffalo	265	1	RC	

INTERSTATE SURVEILLANCE NETWORK CODING

Location	ISP	Station Type	Area Type	SAROAD Site Code
New York (Continued)				
Cheektowaga	264	1	IR	
Mineola	019	1	RC	
Montauk Pt., Long Is.	144	3	R	
Niagara Falls	023	1	IRC	
Niagara Falls	266	1	I	
Niagara Falls (not operating)	267			
Petersburg	029	4	Rural	
Rooseveltown	194	1	Rural I	
Staten Island	004	1	IRC	
Ticonderoga	178	1	R	
White Plains	020	1	R	
North Carolina				
Chapel Hill	237	4	Rural	
Chapel Hill	238	3	R	
Charlotte	031	1	RC	
Charlotte	032	1	R	
Spray	156	1	R	
North Dakota				
Fargo	198	1	C	
Grand Forks	197	1	R	
Ohio				
Cincinnati	006	2	RC	
Cincinnati	070	1	RC	
Cincinnati	155	1	C	
Columbus	037	3	RC	
Ironton	066	1	IR	
Marietta	064	1	RC	
Mingo Junction	220	1	IRC	
Steubenville	061	1	RC	
Steubenville	221	1	R	
Toledo	036	1	IR	
Youngstown	038	1	C	

INTERSTATE SURVEILLANCE NETWORK CODING

Location	ISP	Station Type	Area Type	SAROAD Site Code
Oklahoma				
Miami	207	1	R	
Sallisaw	211	1	R	
Oregon				
Corvallis	069	4	R	
Portland	082	1	C	
Portland	083	1	R	
Rainier	081	1	R	
The Dalles	079	1	R	
Pennsylvania				
Chester	010	1	C	
Easton	014	1	RC	
Kintnersville	230	4	Rural	
Philadelphia	011	1	C	
Philadelphia	012	1	R	
Philadelphia	013	2	R	
Sharon	015	1	IRC	
Puerto Rico				
El Yungue Trop. Rain For. Park	257	4	Rural	
Guaynabo	255	3	Rural IC	
Salinas	256	4	Rural R	
Rhode Island				
Block Island	189	4	Rural	
North Tiverton	188	1	C	
Pawtucket	187	1	C	
Westerly	186	1	C	
South Carolina				
North Augusta	133	1	R	
Rock Hill	033	1	R	
South Dakota				
Custer	244	4	Rural	
Milbank	245	1	RC	
Sioux Falls	199	1	C	

INTERSTATE SURVEILLANCE NETWORK CODING

Location	ISP	Station Type	Area Type	SAROAD Site Code
Tennessee				
Bristol	148	1	C	
Chatanooga	140	1	C	
Memphis	147	1	RC	
Volunteer Arsenal	107	3	I	
Volunteer Arsenal	108	3	I	
Volunteer Arsenal	109	3	I	
Volunteer Arsenal	110	3	I	
Texas				
Austin	120	3	R	
Beaumont	121	1	R	
Brownsville	119	1	C	
Brownwood	125	4	RC	
Del Rio	115	1	R	
Eagle Pass	116	1	C	
El Paso	105	1	RC	
Laredo	117	1	C	
McAllen	118	1	C	
Marshall	212	1	C	
Orange	123	1	R	
Port Arthur	122	1	RC	
Sherman	127	1	C	
Texarkana	128	1	RC	
Wichita Falls	126	1	R	
Utah				
Bullfrog	262	4	R	
Vermont				
Burlington	181	1	R	
Shoreman	179	1	Rural	
White River Junction	180	1	C	

INTERSTATE SURVEILLANCE NETWORK CODING

Location	ISP	Station Type	Area Type	SAROAD Site Code
Virginia				
Alexandria	112	1	C	
Blacksburg	195	4	R	
Bluefield	160	1	C	
Bristol	158	1	C	
Danville	157	1	R	
Leesburg	114	4	R	
Luray	172	4	Rural	
Martinsville	222	1	RC	
Washington				
Bellingham	077	1	IC	
Clarkston	076	1	C	
Longview	080	1	R	
Pullman	073	4	R	
Seattle	078	3	C	
Spokane	072	1	RC	
Vancouver	084	1	RC	
West Virginia				
Bluefield	159	1	C	
Huntington	065	1	IC	
Keyser	153	1	R	
Parkersburg	063	1	IRC	
Piedmont	152	1	RC	
Weirton	062	1	RC	
Wheeling	060	1	C	
Wisconsin				
Kenosha	051	1	C	
LaCross	226	1	RC	
Superior	050	1	RC	
Wyoming				
Cheyenne	252	1	R	
Frannie	253	1	R	

INTERSTATE SURVEILLANCE NETWORK CODING

Location	ISP	Station Type	Area Type	SAROAD Site Code
Canada				
Ojibway, Ontario	165	1	C	
Sarnia, Ontario	168	1	RC	
Sarnia, Ontario	169	1	R	
Windsor, Ontario	170	1	Rural	
Guam	271	3	IR	